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A RECORD OF THE BODY WEIGHT AND CERTAIN ORGAN AND GLAND WEIGHTS OF 3690 ANIMALS

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The weight data presented in the following table are offered in the hope that they may be of value to the biologist, physiologist and particularly to the student of growth phenomena. They were collected in Northern Ohio and by several Cleveland Clinic Foundation Expeditions to various parts of the world. These expeditions included one to the South-western area of the United States, one to Brunswick Island, Georgia, one to Africa, one to Key West, Florida, one to the Northeastern arctic territory of Canada and one to Mexico and Guatemala. In addition, certain data are included which have been collected by W. W. Swett and associates of the Bureau of Animal Industry, Department of Agriculture, Washington, D. C., by S. Naccarati, and by Dr. Herbert Clark, Director of the Gorgas Memorial Laboratory, Panama. Certain data on primates were secured through the courtesy of the Department of Physiology of the Yale University Medical School. The material on the horses was made available to us through the co-operation of Dr. W. W. Dimock, head of the Animal Pathology Division of the University of Kentucky, who permitted us to make a large series of dissections in the laboratory of his division. The figures on the gorilla are based on a partial dissection of a specimen at the American Museum of Natural History, through the courtesy of Dr. W. K. Gregory and Dr. H. C. Raven. The data on the human being were obtained through the co-operation of Dr. Harry C. R. Darling, Sidney, Australia; Dr. Nils P. Larsen,

Honolulu, Hawaii; Dr. C. C. Sweet, Ossining, New York; Dr. Carlos Duran, Guatemala; and Dr. John Hertz, Copenhagen, Denmark; and on our own dissections.

With few exceptions, marked with an asterisk, our own data represent fresh weights taken immediately after the animal was sacrificed. The larger animals were weighed on a Chatillon scale of 600 pound capacity, in the case of the heaviest animals this necessitated quartering or cutting the body into sections to fit the scale. The smaller animals were weighed either in a Chatillon autopsy scale, a Cenoco triple beam balance or an Ohaus beam balance. The glands and organs likewise were weighed in these scales except for the very small glands which were weighed in an analytical balance.

It will be noted that some records are more complete than others; this is due in part to changes which were made in our program over the period of some ten years and in part to the impossibility of getting complete records for many of the animals. No attempt has been made to arrange the groups in order of relative development. A rough alphabetical listing has been made.

In connection with the degree of accuracy of the weights, in some instances these have been carried beyond the limits of error. Generally, however, we have attempted to hold to an accuracy of one per cent. In the case of animals which were weighed in pieces, we allowed five per cent for loss of blood and body fluids. All weights represent the body weight plus whatever mass was present in the stomach and intestine.

Under the heading "Remarks," we have given chiefly the locale or country from which the animal was obtained. In certain cases, other pertinent information has been included.

The scientific names have been checked by us and have been examined by Arthur B. Fuller, of the Cleveland Museum of Natural History. If any errors have occurred in naming, the authors take responsibility for them.

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INVERTEBRATES

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
.....	10	.....	ANNELIDS Earthworms..... <i>Lumbricus terrestris</i>	.00609	.0214	(Ganglia and ventral nerve cord)									Cleveland, O.
.....	5	.....	INSECTS Cockroach..... <i>Periplaneta americana</i>	.000092	.000195	(Ganglia and ventral nerve cord)									Cleveland, O.
.....	54	.....	Grasshopper..... <i>Melanoplus femur rubrum</i>	.000458	.00233	(Ganglia and ventral nerve cord)									Cleveland, O.
.....	35	M&F	Woodroach..... <i>Blaberus cranifer</i>	.004727	.0097	(Ganglia and ventral nerve cord)									Winter Park, Fla.
.....	5	.....	MOLLUSCS Slug..... <i>Limax maximus</i>	.00417	.0133	(Ganglia)									Cleveland, O.

VERTEBRATES

AMPHIBIA

650	1	M	Bullfrog..... <i>Rana catesbiena</i>	.339033	.06	1.37	6.42	2.23	1.73	1.81	North Carolina
1179	6	M	" "5199	.4625	.0336	.1342	1.65	14.77	2.57	1.421	2.76	.373	24.56	Louisiana
1180															
1181															
1182															
1183															
1184	2	M	Toad, Horned..... <i>Phrynosoma coronatum</i>	.025	.1383	.0044	.0093	.1264	.5705	.3927	.6397	.5705	.0311	Arizona
1139															
1140															
1137	3	F	" "0249	.1269	.0070	.0087	.1001	.8857	.2761	.2257	.6174	.0105	Arizona
1138															
1141															

BIRDS

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
702	1	M	Blackbird..... <i>Quiscalus quiscula aeneus</i>	.082	2.92	.0116	.0133	1.159	2.63	1.917	1.299	1.743	.051	6.38	Little Mountain, O.
261	1	F	Bluebird..... <i>Sialia sialis sialis</i>	.034	1.281	.006	.022	.383	.....	.....	.....	.....	.....	.....	Little Mountain, O.
262	1	M	" ".....	.029	1.392	.0093	.013	.493	.....	.....	.....	.....	.....	.....	Little Mountain, O.
168	1	F	Bustard, Greater..... <i>Choriotis kori struthiunculus</i> (Neumann)	5.540	12.94	.44	.33	60.25	98.61	40.25	22.09	70.48	.....	490	Althai Plain, Africa
169	1	M	" ".....	10.00	15.63	.91	.87	97	200	52.45	66.42	100	.....	655	Althai Plain, Africa
136	1	F	Bustard, Lesser..... <i>Haliaeetus bociter bociter</i> (Daubin)	1.100	7.62	.213	.237	11.93	17.63	10.18	6.07	14.35	.....	120	Maji Moto Camp, Africa
15A	1	M	Buzzard, Steppe..... <i>Buteo vulpinus vulpinus</i> (Gloger)	.558	7.9	.18	.26	4.58	10.87	.....	3.36	4.64	.....	.....	Maji Moto Camp, Africa
24F	1	M	Buzzard, Turkey..... <i>Cathartes aura septentrionalis</i>	.494	9.3	.115	.156	10.24	20.99	7.95	10.11	14.73	.....	170	Key West, Fla.
266	1	F	Catbird..... <i>Dumetella carolinensis</i>	.033	1.412	.004	.004	.327	.....	.....	.....	.607	.....	.....	Little Mountain, O.
706	1	M	Canary..... <i>Serinus canarius</i>	.0171	.848	.0193	.0059	.2854	1.010	.336	.2673	.2516	.0184	2.296	Cleveland, O.
1258	1	F	" ".....	.0153	.564	.009	.007	.133	.738	.230	.....	.....	.....	1.74	Cleveland, O.
265	1	F	Cowbird..... <i>Molothrus ater ater</i>	.066	2.693	.014	.017	1.06	.....	.....	.....	.....	.....	.....	Cleveland, O.
55A	1	F	Crane, Crested..... <i>Balearica pavonina</i>	4.071	13.54	.34	.38	41.21	125	12	30.34	46.21	.....	.....	Lake Manyara, Africa
56A	1	M	" ".....	4.825	12.85	.265	.30	32.37	86.1	11.2	21.62	42.05	.....	.....	Lake Manyara, Africa

60	1	M	Crane, Grey..... <i>Crus canadensis</i>	1.651	8.58	.14	.248	19.01	29.34	10.97	11.71	15.33	.67	78.59	Key West, Fla.
241	1	M	Crow..... <i>Corvus brachyrhynchos</i>	.337	9.3	.038	.077	3.2	.....	.....	.....	9.97	.....	.....	Little Mountain, O.
50F	1	F	Dovekie..... <i>Alle alle</i>	.102	1.93	.008	.015	1.24	2.51	1.94	1.88	1.41	.....	6.60	Key West, Fla.
51F	1	M	" ".....	.104	1.92	.009	.037	1.24	4.34	2.00	2.31	1.91	.....	6.74	Key West, Fla.
646	1	M	Duck..... <i>Nyroca affinis</i> (Eyton)	1.041	.....	.133	.152	13.4	58.3	2.9	18.1	17.6	.....	.....	Willoughby, O.
29	1	F	Duck, Pintail..... <i>Dafila acuta tzitzihua</i>	.670	4.9548	.0559	.0818	8.34	30.33	1.70	8.14	17.13	.89	99.43	Churchill, Canada
154	1	F	Eagle, Fish..... <i>Haliaetus vocifer vocifer</i>	3.500	12.93	.28	.40	32.23	46.28	22.28	18.43	47.33	.....	150	Africa, Maji Moto Camp
5	2	F	Eagle, Tawny..... <i>Aquila rapax rapax</i>	2.625	14.09	.19	.45	18.54	43.45	32.84	14.16	.....	.....	.....	Maji Moto Camp, Africa
22			(Temninick)												
88	1	M	" ".....	1.67	13.62	.12	.35	9.24	42.73	30.2	3.82	27	.....	150	Maji Moto Camp, Africa
11	2	M	" ".....	2.438	13.91	.31	.50	14.17	37.55	30.9	13.57	23.18	.....	.....	Maji Moto Camp, Africa
12															
114A	1	F	Egrette, Great White.. <i>Casmerodius albus mel-</i> <i>anorhynchos</i> (Wagler)	1.03	6.12	.13	.21	9.25	33.02	.....	8.16	33.10	.....	.....	Africa, Maji Moto Camp
113A	1	M	Egrette, Yellow-Bill.. <i>Mesophyox intermedia</i> <i>brachyrhyncha</i> (Brehm)	.525	4.7	.07	.14	5.0	16.53	5.16	3.72	5.35	.....	.....	Africa, Maji Moto Camp
109															
110	3	F	Flamingo..... <i>Phoeniconaias minor</i>	1.483	6.99	.27	.34	14.68	40.27	2.97	17.02	21.35	.....	.....	Africa, Maji Moto Camp
111			(Geoffroy)												
16	2	M	" ".....	1.598	8.05	.57	.59	13.53	40.91	3.82	19.0	23.32	.....	.....	Africa, Maji Moto Camp
17															
718															
719	4	F	Fowl, Leghorn..... <i>Gallus bankvia</i>	1.263	3.916	.2153	.186	.....	.....	.....	10.05	10.48	2.20	90.99	Cleveland, O.
720															
721															
7	F		" ".....	.0437	.9971	.0038	.0095	.....	1.8524	.....	.....	.....	.....	.....	6 days old
13	M		" ".....	.0464	1.0556	.0036	.0147	.....	1.6242	.....	.....	.....	.....	.....	6 days old
6	F		" ".....	.0682	1.2107	.0063	.0163	.....	3.4482	.....	.....	.....	.....	.....	13 days old
14	M		" ".....	.0801	1.3378	.0083	.0185	.....	3.1548	.....	.....	.....	.....	.....	13 days old

BIRDS—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
.....	15	F	Fowl, Leghorn.....	.1197	1.5001	.0094	.0198	.....	4.2529	.....	.....	.....	.....	.....	20 days old
.....	15	M	" ".....	.1197	1.5411	.0089	.0263	.....	4.2091	.....	.....	.....	.....	.....	20 days old
.....	12	F	" ".....	.1719	1.7148	.0132	.0228	.....	5.1676	.....	.....	.....	.....	.....	27 days old
.....	8	M	" ".....	.1601	1.7039	.0113	.0254	.....	5.0124	.....	.....	.....	.....	.....	27 days old
.....	10	F	" ".....	.2231	1.9261	.0167	.0305	.....	6.1386	.....	.....	.....	.....	.....	35 days old
.....	10	M	" ".....	.2273	1.9173	.0143	.0368	.....	6.6918	.....	.....	.....	.....	.....	35 days old
.....	12	F	" ".....	.2951	2.1168	.0233	.0390	.....	8.4172	.....	.....	.....	.....	.....	48 days old
.....	8	M	" ".....	.3168	2.1142	.0198	.0441	.....	9.0164	.....	.....	.....	.....	.....	48 days old
.....	6	F	" ".....	.3978	2.3487	.0300	.0498	.....	11.843	.....	.....	.....	.....	.....	62 days old
.....	11	M	" ".....	.3918	2.3334	.0294	.0611	.....	13.719	.....	.....	.....	.....	.....	62 days old
.....	10	F	" ".....	.3596	2.3811	.0689	.0864	.....	11.032	.....	.....	.....	.....	.....	87 days old
.....	10	M	" ".....	.3532	2.4980	.0536	.1135	.....	12.365	.....	.....	.....	.....	.....	87 days old
.....	10	F	" ".....	.4907	2.5822	.1097	.0989	2.80	12.761	3.34	3.83	3.88	.78	.....	108 days old
.....	10	M	" ".....	.5007	2.8056	.0631	.1265	3.18	15.305	3.75	4.34	4.39	.68	.....	108 days old
.....	16	F	" ".....	.6151	2.7224	.0762	.0973	3.91	14.498	3.58	4.17	3.78	.95	.....	136 days old
.....	8	M	" ".....	.7331	2.9279	.0894	.0714	4.19	16.188	4.25	4.54	4.41	.97	.....	136 days old
602	1	M	Fowl, White Orpington	2.200	3.55	.140	.260	8.78	45.9	6.39	12.9	13.17	.....	.....	Cleveland, O.
			<i>Gallus bankiva</i>												
18A	1	F	Goose, Egyptian.....	1.935	7.64	.34	.42	18.51	34.31	.....	9.75	35.2	.....	.....	Lake Manyara, Africa
			<i>Alopochen aegyptiaca</i>												
186A	1	M	Guinea Fowl.....	1.620	4.20	.293	.36	14.22	28.6	.....	7.34	29.08	.....	.....	Maji Moto Camp, Africa
			<i>Numida meleagris</i>												
25	1	M	Gull, Bonapartes.....	.205	2.49	.0216	.0529	3.44	9.12	3.14	3.20	7.12	.....	21.56	Churchill, Canada
			<i>Larus philadelphia</i>												
44F	2	F	Gull, Herring.....	.535	5.08	.040	.133	5.24	27.33	7.74	.....	.....	.....	.....	Key West, Fla.
10F			<i>Larus argentatus</i>												
53F	1	F	Gull, Ring-Billed.....	.720	8.72	.051	.12	7.35	23.51	8.74	7.45	9.13	.....	154	Key West, Fla.
			<i>Larus delawarensis</i>												
21F	1	F	Gull, Shearwater.....	.268	3.01	.031	.049	2.46	10.03	3.27	3.23	2.45	.....	18.21	Key West, Fla.
			<i>Puffinus griseus</i>												

145	2	F	Hawk, Red-Tailed.....			.107	.114				1.216				Little Mountain, O.
146			<i>Buteo borealis</i>												
681	1	F	" ".....	1.029	10.025	.0656	.2035	6.94	14.10	21.22	6.87	9.27		18.38	Juvenile, Wil- loughby, O.
229	1	F	Hawk, Sharp-shinned..	.520	5.70	.042	.110	3.70				7.7			Little Mountain, O.
			<i>Accipiter velox velox</i> (Wilson)												
58F	1	M	Hawk, Sparrow.....	.112	2.51	.016	.028	1.12	2.52	3.30	1.11	1.52		7.43	Key West, Fla.
			<i>Falco sparverius</i> <i>sparverius</i> (Linnaeus)												
163	1	M	Hornbill, Ground.....	2.150	26.25	.23	.25	56.61	57.58	35.45	23.30	52.27		260	Maji Moto Camp, Africa
			<i>Bucorvus cafer</i>												
712	1	F	Hummingbird.....	.0048	.1998	.00045	.00035	.1138	.2511	.1201	.0391	.0951			Samayac, Guatemala
			<i>Amazilia tzacatl tzacatl</i> (De la Llave)												
55B	1	F	Loon, Red-Throated...	1.530	6.12	1.33	.223	22.72	60.87	5.47	22.71	22.62		97.42	Tavane, Canada
			<i>Gavia stellata</i>												
55A	2	M	" ".....	1.568	6.38	.210	.219	22.24	74.02	4.89	27.61	22.31			Tavane, Canada
55C															
52F	1	M	Man-O'-War.....	1.405	9.45	.089	.175	16.59	35.88	12.99					Key West, Fla.
			<i>Fregata aquila</i>												
26	1	F	Merganser, Red- Breasted.....	.770	5.289	.0657	.1033	11.01	19.77	2.76	9.67	18.16	.22	46.30	Tavane, Canada
			<i>Mergus serrator</i>												
90A	1	M	Ostrich, Masai.....	123.	42.11	17.33	23.01	1205	2050		920	2900		23133	Maji Moto Camp, Africa
			<i>Struthio camelus mas- saicus</i> (Neumann)												
143	1	M	" ".....			5.5					256				Zoo Specimen, Cleveland, O.
225	1	M	Owl, Horned.....	1.177	13.70	.085	.165	8.60				10.7			Little Mountain, O.
			<i>Bubo virginianus</i> <i>virginianus</i>												
6A	1	M	Partridge.....	.208	1.50	.02	.043	1.46	8.65		2.70				Maji Moto Camp, Africa
			<i>Francolinus sephaena</i>												
7F	2	F	Pelican.....	3.290	17.45	.183	.993	22.12	73.15	12.73		29.83		255	Key West, Fla.
23F			<i>Pelicanus occidentalis</i>												
1257	1	M	Pheasant.....	.625	3.289	.051	.12	2.84	9.175	5.32	4.82	5.61		56.5	Little Mountain, O.
			<i>Phasianus colchicus</i>												
263	1	M	Phoebe.....	.0181	.793	.006	.005	.207	.207						Little Mountain, O.
			<i>Sayornis phoebe</i>												

BIRDS—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
264	1	F	Phoebe.....	.0175	.750	.0025	.0055	.165	.....	.....	.....	.....	.....	.....	Little Mountain, O.
271	1	F	Pigeon.....	.247	2.285	.031	.046	4.651	.....	.....	.....	.....	.....	.....	Little Mountain, O.
			<i>Columba livia</i>												
268	3	M	" ".....	.282	2.694	.028	.0421	4.836	.....	.....	.....	.....	.....	.....	Little Mountain, O.
269															
270															
24A	3	M	Ptarmigan, Willow....	.542	2.377	.0255	.0273	7.863	12.99	2.316	3.87	9.61	.....	.....	Churchill, Canada
24C			<i>Lagopus lagopus</i>												
24D															
24B	1	F	Raven.....	.540	2.800	.017	.036	9.46	13.405	3.022	4.870	10.74	.....	.....	Churchill, Canada
108	1	F	<i>Corvus corax</i>			.031	.....	.....	.....	.....	2.428	.....	.....	.....	Catalina Mountains, Arizona
259	2	M	Robin.....	.0693	2.09	.0105	.0213	1.018	1.677	.....	.....	.....	.....	.....	Little Mountain, O.
260			<i>Turdus migratoris migratoris</i>												
28	1	F	Scaup, Greater.....	.787	4.7859	.0855	.1850	8.00	23.00	1.76	9.11	18.01	.....	99.15	Churchill, Canada
			<i>Nyroca marila</i>												
.....	11	F	Sparrow.....	.02326	1.0185	.0041	.0069	.3926	1.0873	.5179	.357	.3996	.0428	2.681	Cleveland, O.
			<i>Passer domesticus</i>												
.....	75	M	" ".....	.02357	1.0278	.0042	.0063	.4077	1.2062	.4591	.345	.3674	.0426	2.698	Cleveland, O.
255	1	F	Sparrow, Song.....	.021	1.10	.0145	.005	.235	.....	.....	.....	.....	.....	.....	Cleveland, O.
			<i>Melospiza melodia melodia</i>												
14A	1	M	Stork, Abdim.....	.950	7.3	.23	.46	8.40	27.94	8.88	8.80	10.36	.....	.....	Maji Moto Camp, Africa
			<i>Sphenorhynchus abdini</i> (Lichenstein)												
84A	1	M	Stork, European.....	3.350	16.24	.43	.49	28.75	71.4	9.15	26.24	27.2	.....	.....	Maji Moto Camp, Africa
			<i>Ciconia ciconia ciconia</i> (Linnaeus)												
82A	2	F	" ".....	3.334	15.78	.40	.44	32.12	61.06	16.5	19.84	33.64	.....	.....	Maji Moto Camp, Africa
83A															

195A	1	M	Stork, Hammerhead...	.3175	3.93	.037	.061	7.22	.....	.....	.....	8.16	.....	.....	Maji Moto Camp, Africa
107A	2	M	<i>Scops umbretta</i>	7.130	30.14	.64	2.06	55.24	110	27.89	42.94	72.23	.....	692	Maji Moto Camp, Africa
108A			<i>Leptoptilos crumeniferous</i> (Lesson)												
257	1	M	Swallow, Barn.....	.0215	.904	.006	.007	.302	.....	.....	.....	.....	.....	.....	Little Mountain, O.
256	2	F	<i>Hirundo erthrogaster</i>	.021	.879	.0083	.0085	.....	.....	.....	.....	.....	.....	.....	Little Mountain, O.
258			"												
27	1	F	Teal, Green-winged...	.305	3.116	.0281	.0430	2.88	8.17	1.16	3.105	9.218	42.0	33.84	Churchill, Canada
			<i>Nettion carolinensis</i>												
.....	10	F	Starlings.....	.05835	1.8248	.0063	.0113	.8688	2.1952	1.056	1.080	1.089	.0411	5.6575	Cleveland, O.
			<i>Sturnus vulgaris</i>												
.....	15	M	"	.05736	1.8701	.0063	.0147	.9293	1.9874	.8384	.9829	1.0736	.0665	5.2473	Cleveland, O.
9A	1	F	Vulture.....	5.270	19.60	.40	.46	37.85	70.20	16.24	35.80	.....	.....	.....	Maji Moto Camp, Africa
			<i>Pseudogyps africanus</i>												

CARNIVORES

132	1	M	Bear, American.....	.....	.....	.....	25.0	6.0	.....	.....	.....	176.5	.....	.....	Zoo specimen, Detroit, Mich.
			<i>Euarctus americanus</i>												
600	1	F	Bear, Grizzly.....	142.88	233.9	53.6	65.5	1132.5	.....	.....	547.8	.....	304	.....	Zoo specimen, Cleveland, O.
			<i>Ursus horribilis</i>												
624	1	M	Bear, Polar.....	199.57	489	17.3	10.8	1161	4539	10.1	1292	1701	245	8164	Zoo specimen, Cleveland, O.
			<i>Thalarctos maritimus</i>												
567	1	F	"	317	507	21.5	29.8	1220	4126	.....	730	2580	.....	.....	Zoo specimen, Cleveland, O.
			"												
103	1	F	Cat, Civet.....	.....	6.0	.028	.086	.....	.....	.....	3.78	.....	.....	.....	CatalinaMountains, Arizona
			<i>Spilogale arizonae</i>												
99	1	M	"	.....	.....	.007	.072	.....	.....	.....	4.34	.....	.....	.....	CatalinaMountains, Arizona
			"												
.....	1	.....	Cat, Domestic.....	.576	16.0	.....	.5	3.0	31.	.....	7.5	7.5	2.5	.....	Juvenile, Panama
			<i>Felis domesticus</i>												
.....	2	M&F	"	1.542	18.0	.....	1.	10.	86	.....	16.5	15.	6.5	.....	Adult, Panama
756	2	F	"	2.885	23.46	.21	.639	12.38	92.67	10.06	22.07	32.6	6.48	355	Key West, Fla.
48F			"												

CARNIVORES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
232 1253 1254 632 749	5	M	Cat, Domestic.....	3.778	28.37	.408	.571	16.82	126.8	9.67	44.5	42.7	11.7	33.4	Cleveland, O.
36F 10A 67A	2	M	" " (feralized) Cat, Genet..... <i>Genetta tigrina suahelica</i> (Matschie)	5.012 1.302	28.23 15.89	.460 .29	.795 .49	19.61 7.51	184.2 49.68	11.86 3.72	49.94 8.93	28.47 12.99	11.02	.....	Key West, Fla. Maji Moto Camp, Africa
153A	1	F	" ".....	1.525	15.35	.04	.19	8.46	58.54	344	14.05	22.55	.....	97	Maji Moto Camp, Africa
104 113	2	M	Cat, Ringtailed..... <i>Bassariscus astutus</i>	.....	17.1	.083	.353	.....	.....	.....	11.6	.....	.....	.....	Arizona
152A	1	F	Cat, Wildcat..... <i>Felis ocreata</i>	2.700	28.48	.10	.19	5.86	32.75	6.41	10.07	9.0	.....	78	Maji Moto Camp, Africa
148	1	M	Cheetah..... <i>Acinonyx jubatus</i>	22.20	2.449	1.09	.....	.....	.....	82.5	.....	.....	.....	.....	Zoo specimen, Cleveland, O.
1292	1	M	" ".....	40.82	.....	13.05	2.91	159	1000	49	145	360	47.2	.....	Zoo specimen, Cleveland, O.
.....	1	.....	Coati mundi..... <i>Nasua narica panamaensis</i> (Allen)	.399	23.3	.....	.4	2.0	17.5	.....	4.0	5.3	1.8	.....	Adult, Panama
714	1	M	" ".....	6.25	44.17	1.54	.54	37.97	150	2.33	.....	.....	5.50	.....	Guatemala
667	1	F	Coyote..... <i>Canis latrans</i>	8.510	84.24	.6901	1.049	72.71	292.5	11.11	80.07	61.28	14.21	.....	Cedar Vale, Kansas
89	1	F	" ".....	.....	80.0	1.8	.560	.....	.....	.....	80.69	.....	.....	.....	Kaibab Forest, Arizona
213A 214A 216A	3	M	Dog..... <i>Canis familiaris</i>	14.56	79.99	1.14	1.74	127	760	10.97	84.8	362	.....	1553	Maji Moto Camp, Africa—African mongrel

180A	2	F	Dog.....	12.47	81.14	1.35	1.45	120	665	13.11	88	288	.....	1430	Maji Moto Camp, Africa
212A	1	M	Greyhound.....	24.49	105.9	2.34	3.36	308.8	1067	12.36	158	363.5	175	.....	Memphis, Tenn.
673	2	M	Huskies.....	31.75	130.7	2.85	3.16	297	1438	10.88	248	431	.....	1944	Churchill, Canada
35															
57															
276	1	M	"	26.94	79.3	11.3	10.6	.....	.....	.....	216.2	.....	.....	.....	Zoo—originally from Alaska
8F	2	F	Mongrel.....	14.75	66.53	1.11	1.09	95.4	300	9.73	44.65	108.1	.....	712	Key West, Fla.
228F	2	M	"	11.26	87.6	3.36	1.54	126.3	465.2	16.85	.....	138.4	.....	.....	Cleveland, O.
362															
204															
120															
369	4	F	Dog, Collie-Police.....	23.71	84.63	2.93	2.07	182.6	693	.....	152	192.7	.....	.....	Cleveland, O.
370															
367															
.....	1	.....	" " " .....	19.28	90	8.6	7.0	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
615	1	M	Dog, Police.....	38.42	95.2	23.8	6.1	261	.....	.....	.....	.....	.....	.....	Cleveland (goiter)
134	1	F	Fox, Bat-eared.....	3.335	26.09	.49	.49	24.65	125	4.65	31.91	35.05	.....	660	Maji Moto Camp, Africa
			<i>Otocyon megalotis</i>												
90	2	F	Fox, Grey.....	.....	32	.066	.222	.....	.....	.....	17.17	.....	.....	.....	White Tank Mts., Arizona
91			<i>Urocyon cinereo</i>												
			<i>argenteus scotti</i>												
69F	1	M	" "	3.749	37.28	.154	.390	21.97	50.80	4.02	17.43	19.12	.....	425	Miami, Fla.
92															
95	4	M	" " .....	.....	35.2	.266	.329	.....	.....	.....	24.09	.....	.....	.....	White Tank Mts., Arizona
100															
115															
138	1	F	Fox, Red.....	.....	.....	.405	.420	.....	.....	.....	24.95	.....	.....	.....	Little Mountain, O.
			<i>Vulpes fulva</i>												
			(Desmarest)												
647	1	F	" "	4.625	53.30	.1469	.5285	41.75	.....	4.18	.....	.....	.....	.....	Churchill, Canada
648	1	M	Fox, White.....	3.385	44.50	.763	.353	.....	.....	5.8	.....	.....	.....	.....	Churchill, Canada
			<i>Vulpes lagopus innuitus</i>												
			(Merriam)												
138A	2	.....	Hyena, Spotted.....	62.37	175	6.68	15.08	447	3194	40.42	400	6809	.....	6804	Maji Moto Camp, Africa
28A			<i>Crocuta crocuta</i>												
95A	2	M	Jackal.....	2.85	46.	.78	.508	21.33	122.5	6.8	23.03	30.08	.....	308	Lake Manyara and Katetti, Africa
140			<i>Thos mesomelas</i>												
678	1	F	Jaguar.....	34.47	147	1.72	7.46	186	894	17.28	164.5	576	62.12	.....	Zoo specimen, Jungle bred, S. Amer.
			<i>Felis onca</i>												

CARNIVORES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
709	1	F	Kinkajou..... <i>Potos flavus aztecus</i>	2.62	31.05	.56	.19	14.3	98.6	1.9	.....	78.5	.....	.....	Guatemala City, Guatemala
608	1	M	Leopard..... <i>Felis pardus</i>	48	135	48.55	6.93	200	900	31.4	.....	500	104.3	.....	Hyperplastic thyroid, zoo, Detroit, Mich.
561	1	F	Leopard, Infant.....	8.618	121	1.3	2.3	52	278	.....	86	183	.....	.....	Zoo, Cleveland, O.
144	2	F	Lion, Cubs.....	56.69	167	87.08	7.81	345	1182	.....	325	.....	.....	.....	Zoo, Cleveland, O.
267	1	F	<i>Felis leo</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1144	1	F	" ".....	20.41	163	4.415	9.20	144.6	723.8	31.3	193.7	334.2	46.4	.....	Zoo, Cleveland, O.
131	2	F	" ".....	87.34	.....	16.33	8.62	391.1	.....	.....	.....	.....	.....	.....	Zoo, California
185	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
219	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
579	3	M	" ".....	124	229.2	636.9	15.51	1163	.....	51.8	.....	2600	157.7	.....	Zoo specimen, Philadelphia and Cleveland, O.
689	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37A	2	M	" ".....	190.8	258	20.57	32.73	1018	5725	59.23	1610	2300	825	.....	Maji Moto Camp, Africa
38A	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
612	1	M	Lion, Mountain..... <i>Felis oregonensis</i>	28.79	106.7	2.20	9.6	184	1255	9.2	131.7	326	.....	.....	New Mexico
106	1	F	" ".....	.....	.....	1.6	4.1	.....	.....	.....	140	.....	.....	.....	Catalina Mountains, Arizona
98	1	M	Lynx..... <i>Lynx baileyi</i>	.....	.....	.35	.60	.....	.....	.....	24.6	.....	.....	.....	Florence, Arizona
159A	1	M	Mongoose..... <i>Ichneumia albicauda</i>	4.40	28.30	.21	.61	28.84	61	4.0	34.96	58	.....	275	Maji Moto Camp, Africa
571	1	M	Puma..... <i>Felis bangsi costaricensis</i> (Merriam)	25.96	129	1.40	10.2	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	1	.....	Raccoon..... <i>Procyon lotor pumilis</i> (Miller)	5.175	40.	1.33	3.22	.....	.....	.....	.....	.....	.....	.....	Adult, Panama

64	1	F	"	"	2.226	33.55	.190	1.55	19.73	140	3.32	35.85	19.41	.....	225	Key West, Fla.
562	1	F	"	"	4.536	40.5	.195	1.4	31.2	136	.....	37	38	13.8	.....	Zoo specimen, Cleveland, O.
563	1	M	"	"	5.216	42.7	.261	.9	42.5	187	.....	35.7	187	13.6	.....	Goiter—Zoo, Cleveland, O.
168F	1	F	"	"	.....	.....	.222	1.651	.....	.....	.....	.....	.....	.....	.....	Cumberland Island, Georgia
321	1	M	Skunk.....		1.700	10.3	.274	.468	9.82	45.7	.....	10.1	.....	.....	.....	New York State
			<i>Mephitis mephitis</i>													
110	2	F	"	"	2.260	10	.096	.348	.....	.....	.....	.....	.....	.....	.....	Cleveland
127																
102	2	M	Skunk, Hog-nosed.....		.....	15.5	.068	.279	.....	.....	.....	7.51	.....	.....	.....	Catalina Mountains, Arizona
111			<i>Conepatus mesoleucus</i>													
117	1	F	"	"	.....	16.0	.054	.211	.....	.....	.....	7.51	.....	.....	.....	Arizona
139	1	M	Serval.....		9.955	66.74	.42	1.03	37.3	225	18.02	100	125	.....	400	Maji Moto Camp, Africa
			<i>Felis capensis</i>													
87	2	F	"	"	5.819	53.16	.33	.40	28.45	86.18	10.23	40.34	50.72	.....	350	Maji Moto Camp, Africa
151																
288	1	F	Tiger.....		160.	225	68.2	16	432	1818	.....	.....	1020	915	.....	Zoo specimen, Cleveland
			<i>Felis tigris</i>													
261	1	M	"	"	209.	302	50.5	20.8	698	.....	.....	.....	1888	.....	.....	Jungle bred captive
53A																
53B	3	M	Weasel, Arctic.....		.1693	5.64	.108	.015	2.83	9.67	.153	1.80	3.85	.713	.....	Tavane, Canada
53C			<i>Mustela arctica</i>													
782	1	F	"	"	.121	3.47	.015	.030	1.95	5.5	.110	1.81	3.60	.....	.....	Cleveland, O.
627	1	M	Wolf, Russian.....		22.68	119	13.	2.4	246	626	18.20	187	807	.....	.....	Zoo specimen, Cleveland, O.
			<i>Canis lupus lupus</i>													
672	1	M	Wolf, Timber.....		29.94	152	3.49	3.37	315	925	16.84	223	379	44.3	.....	Ely, Minnesota
			<i>Canis lubilus</i>													

PINNEPEDIA

40	1	F	Seal, Bearded.....		109.7	.....	6.13	6.95	515	.....	.....	.....	.....	.....	.....	Juvenile, Chester- field Inlet, Canada
			<i>Erignathus barbatus</i>													
39	1	F	"	"	281.	460	22.83	22.04	1245	5454	63.06	1320	4536	.....	26330	Chesterfield Inlet, Canada
613	1	M	Seal.....		107.3	442	10.02	6.27	1435	4485	60.72	894	1880	520	.....	California
			<i>Phoca richardi</i>													
			<i>geronimensis</i>													

PINNEPEDIA—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
149	1	M	Seal.....	.....	378	5.2	6.0	.....	.....	.....	418	.....	.....	.....	Zoo specimen, Cleveland, O.
18 31 37	3	M	Seal, Ringed..... <i>Phoca hispida</i>	39.46	251	3.49	2.49	281	1244	73.34	249	738	101	2992	Churchill (2), Chesterfield Inlet (1), Canada
36 41	2	F	" ".....	39.68	255	3.44	3.41	302	930	70.20	236	730	150	.....	Chesterfield Inlet, Canada
45	1	M	Walrus..... <i>Odobenus rosmarus</i> (Linnaeus)	79.38	.....	.....	.....	.....	3625	.....	.....	.....	520	.....	3 months old, Churchill, Canada
38	1	F	" ".....	55.79	737	13.68	7.20	650	2300	13.2	725	1625	200	2425	3 months old, Keewatin, Chesterfield Inlet
43 46 47 48	1	M	" ".....	667	1126	70.04	27.07	4536	19504	26.63	4536	9072	.....	29484	Tavane, Canada
	3	M	" ".....	595.6	.....	66.67	20.15	.....	.....	.....	.....	.....	.....	.....	Walrus Islands, off Tavane, Canada

CETACEA

70	1	M	Porpoise..... <i>Phocaena phocaena</i>	142.43	1735	18.29	10.41	738	2962	57.19	.....	5250	53.02	13255	Key West, Fla.
748	1	.....	Whale, Blue..... <i>Balaenoptera musculus</i>	58059	6800	3450	1385	.....	.....	.....	.....	.....	.....	.....	Queen Charlotte Islands, Canada
1 32 7	2	F	Whale, White..... <i>Delphinapterus leucas</i>	303.23	2354	65.94	29.23	1722	4825	22.01	1857	7936	153	9296	Churchill, Canada
19 33 34	4	M	" ".....	441.31	2349	111.04	29.20	2454	6807	31.71	2214	12093	200	12075	Churchill, Canada

CHIROPTERA

.....	5	M&F	Bat, Vampire..... <i>Desmodus rotundus</i> <i>murinus</i> (Wagner)	.028	.936	.028	.012	Adult, Panama
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EDENTATES

.....	1	Ant Bear..... <i>Cyclops didactylus</i> <i>dorsalis</i> (Gray)	.086	4.11	.15	.72	Panama
.....	1	.....	Anteater..... <i>Tamandua tetradactyla</i> <i>chiriquensis</i> (Allen)	.....	.....	.....	.25	1.0	4.0	.....	2.0	1.0	.5	.....	Infant, Panama
.....	1	.....	" ".....	1.409	23	.....	1.0	2.0	23	.....	12.5	16	1.5	.....	Juvenile, Panama
.....	2	M&F	" ".....	3.692	25	.....	.75	18.0	76.5	.....	21.0	27.0	7.0	.....	Adult, Panama
.....	1	M	Armadillo..... <i>Dasypus novemcinctus</i> <i>fenestratus</i> (Peters)	2.086	9.5	.195	.83	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	7	M&F	" ".....	.471	6.0	.....	.56	2.3	22.3	.....	5.6	5.64	1.6	.....	Infant, Panama
.....	4	M&F	" ".....	1.392	8.2	.....	1.1	6.0	40.2	.....	11.0	10.5	4.0	.....	Juvenile, Panama
.....	1	F	" ".....	1.818	8.5	.16	.71	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	1	M	" ".....	3.701	14.2	.42	.80	14.7	.....	.38	.....	.....	.....	.....	Juvenile, Panama
.....	10	M&F	" ".....	3.401	7.5	.....	1.2	9.0	106	.....	16.3	24.0	7.4	.....	Adult, Panama
.....	1	.....	Sloth, Three-toed..... <i>Bradypus griseus</i> <i>griseus</i> (Gray)	.676	15	.....	1.0	3.0	20	.....	9.0	7.0	2.0	.....	Infant, Panama
.....	1	F	" ".....	1.115	14	.07	.20	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	1	M	" ".....	1.601	13.0	.19	.30	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	4	M&F	" ".....	2.005	.....	.....	1.1	6.1	42	.....	12.5	27.4	6.4	.....	Juvenile, Panama
.....	1	.....	" ".....	2.894	15	.66	1.16	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	10	M&F	" ".....	3.121	15.1	.....	.94	7.5	64.1	.....	16.4	29.9	8.0	.....	Adult, Panama
.....	1	F	" ".....	3.774	18.0	.7	1.15	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	7	M&F	Sloth, Two-toed..... <i>Choloepus hoffmanni</i> (Peters)	4.825	23.07	3.307	.6857	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	1	F	" ".....	5.271	26.0	.30	1.03	.....	.....	.....	.....	.....	.....	.....	Adult, Panama

ELASMOBRANCH FISHES

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
47F	1	M	Ray, Electric..... <i>Torpedo torpedo</i>	.345	.78	.029	.....	.22	6.9	1.3	12.9	.....	.....	.....	Key West, Fla.
1F) 73F)	2	M	Ray, Sting..... <i>Desyatis sabina</i>	17.58	54.49	1.76	.....	47.58	815	30.67	107.2	.....	.....	410	Key West, Fla.
9F	1	.....	"	2.675	6.03	.084	.....	6.83	.....	.....	.....	.....	.....	.....	Key West, Fla.
63F	1	F	Shark, Sand..... <i>Carcharias littoralis</i>	35.38	48.8	1.81	.....	41.6	2875	44.24	96.4	.....	98.82	1375	Miami, Fla.
4F	1	M	"	35.83	50.03	2.57	.....	40.14	2925	52.21	.....	.....	150	750	Key West, Fla.
72F	1	F-P	"	123	82.55	4.05	.....	115	.....	40.8	.....	.....	.....	.....	Miami, Fla.
74F	1	F	Shark, Tiger..... <i>Galeocерdo tigrinis</i>	200	107.5	12.73	.....	291.5	40370	88.43	.....	.....	.....	.....	Miami, Fla.

BONY FISHES

65F	1	F	Barracuda..... <i>Sphyræna barracuda</i>	4.794	4.34	.064	.....	37.78	38.93	25.25	.....	.....	.....	260	Key West, Fla.
35F	1	M	"	5.978	3.83	.11	.....	42.25	72.7	29.07	.....	.....	.....	409	Key West, Fla.
59F	1	F	"	8.654	5.7	.060	.....	51.6	80.31	45.21	.....	.....	13.37	430	Key West, Fla.
31F	1	M	"	9.130	6.3	.....	.....	60.31	.....	38.39	.....	.....	.....	.....	Key West, Fla.
25F	1	M	Bonita..... <i>Gymnosarda alleterata</i>	6.291	3.57	.051	.....	29.43	128	33.8	.....	.....	20.4	351	Key West, Fla.
1151) 1152) 1154)	4	M	Carp..... <i>Cyprinus carpio</i>	1.0421	1.2833	.0089	.....	1.617	.....	2.865	6.779	.....	2.544	96.44	Cleveland, O.
1155) 1153) 1156)	2	F	"	1.061	1.191	.0080	.....	1.554	.....	3.142	4.88	.....	2.32	70.10	Cleveland, O.
7A	1	M	Catfish..... (Of genus <i>Clarias</i>)	2.894	1.84	.....	.....	6.1	17.65	.....	16.75	.....	.....	.....	Maji Moto Camp, Africa

91A	1	M	Catfish..... (Of species <i>Crilli</i>)	10.78	8.2	.....	.....	52.2	.....	3.67	76.41	.....	.....	.....	Maji Moto Camp, Africa
1188	2	M	Cisco.....	.1621	.2995	.....	.....	.39	1.592	1.08	1.81	.....	.155	10.78	Churchill, Canada
1189			<i>Argyrosomus arledi</i>												
1193	1	F	Codfish..... <i>Gadus callarias</i>	10.6	5.0401	.620	.....	15.90	161.4	60.36	19.93	.....	10.09	580.0	Boston, Mass.
1194															
1197	3	F	" ".....	2.625	2.2180	.0257	.....	4.09	97.1	26.91	9.4	.....	2.01	159.7	Boston, Mass.
1205															
1195															
1196	3	M	" ".....	2.518	1.9792	.0476	.....	3.90	96.2	26.73	11.40	.....	2.15	179.2	Boston, Mass.
1198															
2F	1	.....	Eel, Green moray..... <i>Gymnothorax funebris</i>	3.510	.51	.054	1.51	4.62	101.5	1.39	.....	.....	4.28	325	Key West, Fla.
619	1	M	Goldfish..... <i>Carassius auratus</i>	.00554	.069	.009	.....	.014	.....	.....	.....	.....	.....	.....	Cleveland, O.
618	1	F	" ".....	.00952	.097	.004	.....	.026	.....	.140	.....	.....	.....	.98	Cleveland, O.
49F	1	M	Grouper, Black..... <i>Myclerperca bonacixan-</i> <i>thastica</i> (Jordan and Swaine)	2.712	1.99	.032	.....	2.08	11.66	13.19	.....	.....	.....	55.47	Key West, Fla.
13F	1	M	Grunt, White..... <i>Haemulon plumieri</i> (Lacepede)	.300	.81	.01	.....	.31	3.55	4.47	.....	.....	.18	5.19	Key West, Fla.
1199															
1200															
1201	6	F	Haddock..... <i>Melanogrammus</i> <i>aeglefinus</i>	3.275	2.0502	.0692	.....	5.71	132.6	26.16	11.08	.....	2.64	291.5	North Atlantic Coast
1202															
1203															
1204															
11	1	M	Hogfish..... <i>Lachnolaimis maximus</i>	.480	.91	.014	.....	.452	3.70	4.97	.....	.....	.35	5.02	Key West, Fla.
43	1	M	Jack, Common..... <i>Caranx hippos</i>	2.305	2.97	.031	.....	4.87	18.7	33.25	.....	.....	2.66	.....	Key West, Fla.
41	1	F	Jack, Yellow..... <i>Caranx bartholomoei</i>	4.274	7.56	.043	.....	11.62	.....	9.52	.....	.....	.....	.....	Key West, Fla.
22	1	M	" ".....	4.812	4.72	.058	.....	13.96	65.13	20.22	.....	.....	8.7	182	Key West, Fla.
3	1	M	Jewfish..... <i>Promoicrops itajara</i> (Lichtenstein)	32.89	2.31	.32	.....	49.23	350	33.6	56.8	.....	17	1200	Key West, Fla.

BONY FISHES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
34	1	M	Kingfish..... <i>Scomberomorus regalis</i>	2.43	2.18	.037	.....	5.33	.....	.....	.....	.....	.....	.....	Key West, Fla.
621	1	M	Mackerel..... <i>Scomberomorus maculatus</i>	.765	.640	.....	.....	.....	.....	.....	.....	.....	.....	.....	North Atlantic Ocean
19 649	2	F	" ".....	1.457	1.61	.030	.....	2.93	6.21	7.91	.....	.....	1.7	2.92	Key West, Fla.
20	1	F	Muttonfish..... <i>Lutjanus analis</i>	2.49	2.09	.048	.....	5.12	14.26	19.15	.....	.....	1.17	.....	Key West, Fla.
61	1	F	Palometa..... <i>Trachinotus glauous</i>	8.504	3.08	.110	.....	24.83	86.25	79.13	.....	.....	7.42	302	Key West, Fla.
623	1	F	Perch..... <i>Perca flavescens</i>	.192	.337	.002	.....	.44	2.96	1.4	.....	.....	.....	7.92	Lake Erie, Cleveland
1163 1164 1165 1166 1167 1168	6	M	" ".....	.167	.254	.0035	.....	.3087	1.476	.930	.459	.....	.149	4.85	Lake Erie, Cleveland
617	1	.....	Pike..... <i>Esox lucius</i>	.82	.597	.....	.....	.....	.....	3.9	.....	.....	.....	.....	Lake Erie, Cleveland
1157 1158 1160 1162	4	M	" ".....	.3523	.464	.0047	.....	.660	3.55	4.88	1.777	.....	.421	21.67	Lake Erie, Cleveland
1159 1161 1207	2	F	" ".....	.3738	.535	.0118	.....	.560	3.780	4.915	1.555	.....	.420	20.8	Lake Erie, Cleveland
1208 1209 1211	4	F	Salmon..... <i>Salmo salar</i>	5.361	1.143	.0170	.....	10.72	96.56	8.014	39.59	.....	11.71	230.9	Atlantic Ocean, off Maine Coast

1210}	2	M	"	"	4.922	1.029	.010	.....	15.22	69.46	7.84	36.20	.....	11.00	216.8	Atlantic Ocean, off
1212}																Maine Coast
695}	1	M	"	"	3.93	1.257	.035	.....	6.42							Atlantic Ocean, off
																Maine Coast
694}	1	F	"	"	5.412	1.387	.137	.....	7.92	79.7	8.9					Atlantic Ocean, off
																Maine Coast
620}	1	.....	Smelt.....		.04766	1.09	.006	.....	1.29							Lake Erie,
			<i>Osmerus mordax</i>													Cleveland
14}	1	M	Snapper, Vermilion....		.202	.65	.006	.....	.33	1.76	2.54				3.11	Key West, Fla.
			<i>Rhomboplites auro-</i>													
			<i>rubens</i> (Cuvier and													
			Valenciennes)													
1178}	1	M	Trout, Brown.....		.292	.570	.007	.....	.385	3.885	2.29	1.25	.....	1.205	20.10	Castalia, O.
			<i>Salmo trutta</i>													
1213}																
1214}																
1215}	5	F	Trout, Northern.....		3.24	1.323	.0134	.....	5.17	52.43	9.33	27.97	.....	1.77	220.3	Manitoulin Island,
1216}			<i>Cristivomer namaycush</i>													Ont.
1217}																
1218}	1	M	"	"	2.50	1.233	.0095	.....	4.34	36.00	7.26	20.92	.....	2.16	154.7	Manitoulin Island,
																Ont.
1170}																
1173}	4	F	Trout, Rainbow.....		.2177	.415	.0044	.....	.280	2.156	1.519	1.093	.....	.585	19.35	Adult, Castalia, O.
1174}			<i>Salmo irideus</i>													
1175}																
1171}	2	M	"	"	.2608	.454	.0074	.....	.307	2.598	1.809	1.443	.....	.54	25.	Adult, Castalia, O.
1172}																
1176}	1	F	"	"	.1101	.315	.0022	.....	.155	1.415	1.13	.485	.....	.265	8.00	Yearling, Castalia,
																O.
1177}	1	.....	"	"	.0428	.178	.0026	.....	.095	.610	.665	.123	.....	.115	4.25	Infant, Castalia, O.
1185}	2	M	Trout, Salmon.....		2.75	.818	.0163	.....	6.22	40.74	4.35	20.64	.....	2.86	89.38	Churchill, Canada
1186}			<i>Salmo gairdneri</i>													
622}	1	M	Trout, Speckled.....		.85	.83	.....	.....			1.9		.....		25.5	Pennsylvania
			<i>Salvelinus fontinalis</i>													
697}	1	F	"	"	.255	.439	.....	.....	.99	5.86	2.02		.....	.22	16.01	Pennsylvania
696}	1	M	"	"	.2301	.466	.....	.....	1.15	3.75	1.94	3.32	.....	.17	28.24	Pennsylvania
26}	1	M	Tuna.....		5.21	3.09	.056	.....	31.22	139	85.81		.....		216	Key West, Fla.
			<i>Thunnus secundodorsalis</i>													
15}	1	M	Turbot.....		.295	.872	.005	.....	.364	12.86	3.36		.....	.09	5.4	Key West, Fla.
			<i>Balistes caroliniensis</i>													

BONY FISHES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
1145 1149 1150 1146 1147 1148 12	3 3 1	M F F	Whitefish..... <i>Coregonus clupeaformis</i> " " Yellowtail (fish)..... <i>Ocyurus chrysurus</i> (Bloch)	.7465 .7986 .255	.503 .593 .94	.0153 .0091 .007	...............	.892 .973 .37	8.84 10.61 2.41	2.34 2.69 4.2	7.98 8.2.....	...............	.75 .60	42.88 38.67 7.78	Lake Erie Lake Erie Key West, Fla.

INSECTIVORES

631	1	M	Mole..... <i>Scalopus aquaticus</i>	.0396	1.16	.0095	.0175	.272	1.548	.....	.629	.737	.....	.....	Little Mountain, O.
.....	39	F	*Shrew..... <i>Blarina brevicauda</i>	.0163	.3443	.0021	.0037	.1723	.8896	.0011	.2041	.3575	.....	.....	Cleveland
.....	29	M	" " " "	.0188	.352	.0026	.0048	.1922	1.092	.0018	.240	.4214	.....	.....	Cleveland

MARSUPIALS

.....	2	.....	Opossum..... <i>Didelphis marsupialis</i> <i>etensis</i> (Allen)	.215	4.5	.14	.....	.....	.....	.....	.....	.....	.....	.....	Infant, Panama
.....	3	.....	" " " "	.224	3.3	.....	.38	1.41	13.0	.....	.57	2.3	2.7	.....	Infant, Panama
.....	8	M&F	" " " "	.666	3.8	.....	1.01	3.4	.....	5.6	8.0	2.83	.....	.....	Juvenile, Panama
.....	4	M&F	" " " "	1.147	4.8	.....	1.0	5.0	67.	.....	7.5	9.5	.....	.....	Adult, Panama
.....	1	.....	Opossum, Woolly..... <i>Philander laniger</i> <i>pallidus</i> (Thomas)	.158	.....	.....	.25	1.5	7.0	.....	2.0	2.0	1.0	.....	Juvenile, Panama
.....	1	.....	" " " "	.222	.....	.....	1.0	3.0	9.0	.....	4.0	3.0	1.5	.....	Adult, Panama

*Preserved weights.

PRIMATES

.....	1	F	Baboon..... <i>Papio cynocephalus</i>	7.900	140	.437	2.30	.....	.....	.....	.....	.....	.....	.....	Juvenile, Depart- ment of Physiol- ogy, Yale Univ.
23A	1	M	“ “	19.51	175	1.8	2.05	79.94	367	13.18	70.92	175	.....	.....	Moto Umbo Camp, Africa
93A	1	F	Monkey, Grey..... <i>Cercopithecus mitis kib- onotensis</i> (Lonnberg)	1.22	50.3	.172	.22	6.56	29.65	.....	7.84	9.98	.....	250	Maji Moto Camp Africa
92A	2	M	“ “	2.9	61.46	.39	.41	7.59	50	9.94	8.71	14.39	.....	350	Maji Moto Camp, Africa
4A	1	M	“ “	4.55	66.6	.15	3.05	35.32	106	.....	20.63	41.6	.....	.....	Maji Moto Camp, Africa
.....	10	M&F	Howler, Black..... <i>Aloutta palliata incon- sonans</i> (Goldman)	.673	42.88	.....	.588	3.9	22.65	.....	6.19	9.88	6.8	.....	Infant, Panama
.....	3	M&F	“ “	2.683	48.1	.....	.67	14.1	84.9	.....	15.4	22.7	36.75	.....	Juvenile, Panama
28	M&F	“ “	6.174	50.34	.....	1.16	20.67	201	.....	35.95	38.68	45.68	.....	.....	Adult, Panama
.....	2	F	“ “	4.309	54.25	.45	.8	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	2	F	“ “	6.577	54.05	.55	.95	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	2	M	“ “	7.938	53.45	.55	.95	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	2	.....	Howler, Brown..... <i>Aloutta palliata palliata</i>	.429	37	.....	.45	1.9	13.3	.....	3.2	6.5	1.7	.....	Infant, Panama
.....	5	M&F	“ “ “	1.209	37.6	.....	1.6	8.0	41.9	.....	12.5	11.5	2.8	.....	Juvenile, Panama
.....	6	M&F	“ “ “	3.119	42.3	.....	1.5	7.8	118	.....	21.33	28.3	3.33	.....	Adult, Panama
224	1	F	Humboldt..... <i>Lagothrix humboldti</i>	5.26	86.2	.45	1.2	48	.....	.....	.....	63.5	.....	.....	Adult, South America
156A	1	F	Lemur..... <i>Galago senegalensis</i>	.20	5.0	.015	.125	1.38	6.03	3.7	1.54	1.44	.....	17.6	Maji Moto Camp, Africa
221	1	F	Lemur, Ring-tailed.... <i>Lemur catta</i>	1.725	21.8	.27	.232	8.2	.....	.....	.....	24.7	.....	.....	New York
405	1	F	Macaque, Rhesus..... <i>Macacus rhesus</i>	1.39	72.0	.179	.885	5.3	57.2	.....	9.8	.....	.....	.....	Juvenile, Lab- oratory specimen
.....	7	F	“ “	3.627	93.1	.578	.996	12.2	.....	.....	.....	68.5	.....	.....	Yale Univ. and C. C. Lab.
.....	4	M	“ “	3.292	91.7	.611	.75	12.7	69	35	.....	.....	.....	.....	Yale Univ. and C. C. Lab.
.....	1	Monkey, Night..... <i>Aotus zonalis</i> (Goldman)	.212	1.0	1.5	8.0	2.0	2.0	1.0	Infant, Panama

No. 5

ORGAN AND GLAND WEIGHTS

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PRIMATES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
.....	18	M&F	Monkey, Night.....	1.926	88.6	.785	1.06	7.65	74.5	.....	11.6	17.3	8.6	.....	Juvenile, Panama
.....	11	F	" " " " " " " "	9.163	109	1.28	2.12	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	6	M	" " " " " " " "	8.89	118	1.42	2.23	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	19	M&F	Spider, Red.....	1.029	74.79	.....	1.04	4.49	42.77	.....	7.76	11.98	14.5	.....	Juvenile, Panama
.....	11	M&F	<i>Ateles geoffroyi</i> (Kuhl)	2.805	103	.....	1.06	14.52	98.97	.....	16.97	26.99	29.32	.....	Juvenile, Panama
.....	63	M&F	" " " " " " " "	7.63	107	.....	1.75	32.5	213	.....	31.2	51.38	40.8	.....	Adult, Panama
.....	5	F	" " " " " " " "	.860	64.0	.175	.585	.....	.....	.....	.....	.....	.....	.....	Infant, Panama
.....	5	F	" " " " " " " "	5.143	110.6	.798	1.65	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	3	M	" " " " " " " "	4.999	94.7	.64	2.0	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	6	M	" " " " " " " "	7.787	117	.90	2.05	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	14	F	" " " " " " " "	8.912	102.9	1.04	1.95	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	2	.....	Spider, Black.....	.407	58.0	.....	.75	2.75	19	.....	4.5	6.5	2.0	.....	Infant, Panama
.....	18	M&F	<i>Ateles dariensis</i> (Goldman)	1.926	88.6	.785	1.06	7.65	74.5	.....	11.6	17.3	8.6	.....	Juvenile, Panama
.....	11	F	" " " " " " " "	9.163	108.8	1.28	2.12	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	6	M	" " " " " " " "	8.89	118.4	1.42	2.23	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	133	M&F	Squirrel (Marmoset).. <i>Leonticebus geoffroyi</i> (Pucheran)	.191	9.67	.....	.56	1.34	9.33	.....	1.87	3.13	1.16	.....	Infant, Panama
.....	4	F	" " " " " " " "	.340	10.4	.10	.25	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	3	M	" " " " " " " "	.453	11.1	.133	.23	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	19	M&F	" " " " " " " "	.475	11.04	.....	.53	3.02	16.53	.....	2.89	3.91	1.38	.....	Juvenile, Panama
.....	8	M&F	" " " " " " " "	.793	19.9	.....	.63	3.91	25.41	.....	4.24	8.48	1.65	.....	Adult, Panama
.....	8	M	" " " " " " " "	.903	24.00	.11	.30	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
.....	2	M	Sykes.....	4.937	60.7	1.14	.878	29.97	119.6	.....	10.70	21.36	85.16	.....	Maji Moto Camp, Africa
.....	4	M	<i>Cercopithecus</i> Vervet.....	3.955	60.89	.279	.554	32.03	86.23	8.98	15.06	25.01	.....	.....	Maji Moto Camp, Africa
.....			<i>Cercopithecus aethiops centralis</i> (Neumann)												

93A	1	F	" "	1.225	50.3	.172	.220	6.56	29.65	.....	7.84	9.98	.....	250	Juvenile, Maji Moto Camp, Africa
.....	4	F	White-face <i>Cebus capucinus linnaeus</i>	2.718	71.6	.4	1.43	.....	.....	.....	.....	.....	.....	.....	Panama
.....	5	M	" " "	3.833	73.3	.38	1.23	.....	.....	.....	.....	.....	.....	.....	Panama
.....	6	F	" " "	1.252	60.8	.26	.70	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	7	M	" " "	1.725	75.5	.34	.61	.....	.....	.....	.....	.....	.....	.....	Juvenile, Panama
.....	14	M&F	" " "	3.101	72.18	.....	1.06	18.6	.....	.....	14.3	34.07	11.3	.....	Adult, Panama
.....	6	M&F	" " "	1.317	66	.....	.97	7.53	.....	.....	8.56	20.44	5.7	.....	Juvenile, Panama
.....	27	M&F	" " "	.590	53.28	.....	.568	3.06	.....	.....	4.04	7.93	2.10	.....	Infant, Panama
.....	60	M&F	Yellow Titi <i>Saimiri orstedii</i>	.607	19.9	.....	.63	3.68	25.6	.....	3.99	7.20	.9	.....	Adult, Panama
.....	3	M	<i>orstedii reinhardt</i>	.907	25.3	.15	.447	.....	.....	.....	.....	.....	.....	.....	Panama
.....	2	.....	" "	.167	19.4	.....	.20	.85	7	.....	1.3	2.5	.3	.....	Infant, Panama
.....	2	.....	" "	.24	22	.....	.45	1.25	12	.....	2.5	4.9	.65	.....	Juvenile, Panama
.....	3	F	" "	.603	25	.16	.323	.....	.....	.....	.....	.....	.....	.....	Adult, Panama

ANTHROPOIDS

.....	1	F	Chimpanzee <i>Troglodytes niger</i>	.....	.....	.....	3.8	.....	.....	.....	.....	.....	.....	.....	Yale Univ. Dept. of Physiology
.....	1	F-P	" "	.....	.....	8.0	8.9	.....	.....	.....	.....	.....	.....	.....	Yale Univ. Dept. of Physiology
215	1	M	" "	25.85	430.5	10.1	5.0	184.6	.....	.....	.....	.....	.....	.....	Emaciated specimen from New York
218A	1	M	" "	56.69	440	4.85	8.93	250	1210	.....	210	600	.....	6200	Budonga Forest, Masindi, Uganda, Africa
219A	1	F	" "	43.99	325	4.55	8.4	219	.....	.....	.....	.....	.....	.....	Budonga Forest, Masindi, Uganda, Africa
.....	1	M	Gorilla <i>Gorilla gorilla</i>	181	.....	6 est.	35 est.	.....	.....	.....	.....	.....	.....	.....	American Museum of Nat. History, New York
1291	1	M	Chinese	57.2	1248	21.54	10.1	.....	.....	.....	.....	.....	.....	.....	Age: 70 yrs. Australia

ANTHROPOIDS—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
1339	1	M	Chinese.....	.....	1297	13.3	5.35	.....	.....	.....	.....	.....	.....	.....	Age: ? Hawaii
1338	1	M	".....	.....	1268	11.4	9.9	.....	.....	.....	.....	.....	.....	.....	Age: ? Hawaii
1340	1	M	Hawaiian.....	95	1235	16.7	.....	430	.....	.....	.....	.....	.....	.....	Age: 36 to 40, Hawaii
755	1	M	Maya-Quiche Indian	42	1270	35	15	220	1040	.....	185	1315	60	.....	Age: 25. Death from T. B.
757	1	M	" " "	43.4	1375	80	14	210	1270	.....	170	755	80	.....	Age: 35: Death, Septicemia
758	1	M	" " "	49.9	1400	30	10	240	.....	.....	.....	.....	.....	.....	Age: 32. Death, Double pneumonia
1169	1	M	" " "	36.3	1280	11.1	5.6	155	.....	.....	.....	.....	.....	.....	Age: 45. Death, Cachexia
1334	1	M	" " "	45.0	1190	108	10.0	226	.....	.....	.....	.....	.....	.....	Age: 32. Death, Pneumonia
1336	1	M	" " "	37.0	1100	10.0	5.0	159	.....	.....	.....	.....	.....	.....	Age: 17. Death, Cachexia
1335	1	F	" " "	45.8	1000	10.0	10.0	225	.....	.....	.....	.....	.....	.....	Age: 28. Death, Cachexia
1341	1	F	Filipino.....	.....	1109	25.1	.....	200	.....	.....	.....	.....	.....	.....	Age: 39. Hawaii
1337	1	M	".....	.....	1513	16.8	9.3	.....	.....	.....	.....	.....	.....	.....	Age 53. Hawaii
751	1	M	Negro, Aborigine.....	76.2	1348	36.5	4.2	.....	.....	.....	.....	.....	.....	.....	Age 66. Australia. Death, Pneumonia
1312	1	M	" American.....	86.2	1265	19.8	16.7	365	1520	.....	.....	.....	.....	.....	Age: 41. American born
1255	1	M	" "	71.2	1280	18.2	11.8	465	1500	.....	.....	.....	.....	.....	Age: 24. American Negro
753	4	M	" "	73.0	1365	31.77	12.69	389	.....	.....	259	.....	.....	.....	Age: ? American
754															
48															

1316	1	M	White, American.....	78.5	1540	37.3	16.4	331	2010	.....	292	.....	.....	.....	Age: 25. Czech descent
1327	1	M	Dane boy.....	36.0	1327	14	11	220	.....	.....	.....	.....	.....	.....	Age: 13 yrs. Denmark
1333	1	F	Dane woman.....	61	1200	17	13	300	.....	.....	.....	.....	.....	.....	Age: 47 yrs. Denmark
1332	1	F	" ".....	46	1160	23	14	260	.....	.....	.....	.....	.....	.....	Age: 68 yrs. Denmark
1330	1	F	" ".....	43	1240	14	18	320	.....	.....	.....	.....	.....	.....	Age: 65 yrs. Denmark
1326	1	F	" ".....	63	1180	17	14	450	.....	.....	.....	.....	.....	.....	Age: 78 yrs. Denmark
1324	1	F	" ".....	43	1350	15	13	220	.....	.....	.....	.....	.....	.....	Age: 50 yrs. Denmark
1323	1	F	" ".....	44	1300	10	.....	310	.....	.....	.....	.....	.....	.....	Age: 44 yrs. Denmark
1322	1	F	" ".....	45	1140	15	.....	410	.....	.....	.....	.....	.....	.....	Age: 60 yrs. Denmark
1321	1	M	Dane male.....	51	1500	24	.....	380	.....	.....	.....	.....	.....	.....	Age: 55 yrs. Denmark
1325	1	M	" ".....	83	1420	29	.....	520	.....	.....	.....	.....	.....	.....	Age: 68 yrs. Denmark
1328	1	M	" ".....	56	1570	47	19	380	.....	.....	.....	.....	.....	.....	Age: 28 yrs. Denmark
1329	1	M	" ".....	61	1490	26	17	410	.....	.....	.....	.....	.....	.....	Age: 39 yrs. Denmark
1331	1	M	" ".....	51	1310	27	15	290	.....	.....	.....	.....	.....	.....	Age: 55 yrs. Denmark
1318	1	M	White, American.....	81.6	1350	42.0	12.0	370	1200	.....	320	.....	.....	.....	Age: 22 yrs. Ger- man descent
762	1	M	" ".....	.....	1450	42.63	9.42	330	1500	.....	110	1280	100	.....	Age: ? Irish descent
1311	1	M	" ".....	79.4	1274	35	12.9	390	1970	.....	.....	.....	.....	.....	Age 54 yrs. Polish descent
1313	1	M	" ".....	81.6	1130	20.0	16.6	400	1730	.....	.....	.....	.....	.....	Age 54 Yrs. Polish descent
3	1	M	Pole, Immigrant.....	74.0	1377	23.92	10.94	382	.....	.....	.....	.....	.....	.....	Age: ? Cleveland, O.
759	1	M	White, American.....	50	1480	48.47	14.96	325	1300	.....	330	.....	.....	.....	Age: ? Scotch descent, New York
1315	1	M	" ".....	65.8	1310	23.6	17.6	340	1780	.....	310	.....	.....	.....	Age: 30 yrs. Swedish descent
1319	1	M	" ".....	74.8	1410	40	13.8	330	2250	.....	.....	.....	.....	.....	Age: 29 yrs. Ukranian descent
1318	1	M	" ".....	74.3	1360	47.7	9.4	264	2800	.....	.....	.....	.....	.....	Age: 30 yrs. Ukranian descent
1342	1	F	" ".....	.....	1300	25.5	.....	300	.....	.....	165	.....	.....	.....	Age: ? Adult American
217	1	F	" ".....	57	1351	22.9	12.0	340	.....	.....	.....	.....	.....	.....	Age: ? Adult American
223 227 610	3	M	" ".....	68	1411	23.30	8.46	306	.....	.....	.....	.....	.....	.....	Age: ? Adult American, descent unknown

REPTILES

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
233	1	M	Alligator..... <i>Alligator mississippiensis</i>	.105	.....	.35	.40	1.39	.....	.....	.....	.....	.....	.....	Infant
1191 1192	2	M	" "..... "	.351	1.61	.176	.076	1.62	6.99	1.73	1.52	2.97	.211	13.83	Infants, Florida
134	1	F	" ".....	.....	.....	3.50	4.00	.....	.....	.....	161	.....	.....	.....	Jacksonville, Fla.
628	1	F	" ".....	52.4	7.23	4.28	6.62	137	708	15.96	.....	393	.....	.....	Great Lakes Expo.
171	1	M	" ".....	80.0	.....	3.11	12.85	.....	.....	.....	.....	.....	.....	.....	Cumberland, Ga.
218	1	M	" ".....	109 est.	8.40	6.90	5.80	92.20	.....	.....	.....	1770	.....	.....	Musa Island, Fla.
71	1	M	" ".....	173	11.20	8.83	5.40	255	900	30.86	.....	1400	.....	2800	Miami, Fla.
1251	1	M	" ".....	205	14.08	13.32	11.96	318	522	25.54	.....	628	135	7000	Florida
183	1	F	Crocodile..... <i>Crocodylus americanus</i>	90 est.	.....	3.77	4.17	.....	.....	.....	.....	.....	.....	.....	Cumberland, Ga.
186	1	M	" ".....	134	15.60	5.20	4.30	134	1145	.....	.....	1125	.....	.....	Musa Island, Fla.
670	1	F	Gila Monster..... <i>Heloderma suspectum</i>	.514	.729	.152	.056	4.17	35.00	.....	.....	6.45	.....	.....	Arizona
713	1	F	Iguana Lizard..... <i>Iguana iguana</i>	1.34	.....	.117	.215	2.60	33.35	.....	.....	3.70	.....	42.6	Guatemala
68	1	F	Iguana Lizard..... <i>Amblyrhynchus cristatus</i>	4.19	1.44	.040	.090	21.51	60.40	1.06	11.60	64.4	.....	610	Florida
.....	15	M&F	Lizard..... <i>Lacerta viridis</i>	.050	.121	.008	.020	.....	2.50	.....	.58	.....	.080	.....	Europe—data from Naccarati
59	1	F	" ".....	.026	.134	.005	.004	.091	.628	.144	.21	.....	.....	.....	Africa
679	1	F	Snake, Black..... <i>Coluber constrictor</i>	.590	.271	.131	.182	6.08	.....	.....	.....	.....	.....	.....	Little Mountain, O.
1190	1	M	" ".....	.286	.303	.056	.056	.960	2.57	.219	2.58	3.45	.78	12.02	Laboratory specimen
616	1	F	" ".....	.417	.299	.114	.103	.....	.....	.165	.....	4.13	.....	.....	Little Mountain, O.
710	1	F	Boa Emperor..... <i>Boa imperator</i>	1.829	.440	.15	.15	5.64	30.37	.550	9.57	14.0	.....	.....	Guatemala

668	1	F	Snake, Garter.....	.052	.077										Willoughby, O.
680	1	F-P	<i>Thamophis sirtalis</i> " "	.057	.123	.020	.076	1.02							
178	1	M	Python.....	6.140	1.123	1.33	2.68	18.50			1.12				Enguruka, Africa
			<i>Python molurus</i>												
.....	20	M&F	Snake, Water.....	.070	.1	.01	.035		2.80		.88		.12		Europe—data from
			<i>Tropidonotus natrix</i>												Naccarati
66F	1	F	Water Moccasin.....	.728	.64	.50	1.06	4.77	64.45	.61	13.47	22.62	5.57	300	Everglades, Fla.
			<i>Agkistrodon piscovoris</i>												
.....	6	M&F	Snake, Green Water...	.22	.209	.045	.08		4.82		1.93		.125		Europe; data from
			<i>Zamenis viridis flavus</i>												Naccarati
.....	30	M&F	Turtle.....	.250	.25	.025	.028		7.3		1.38		.16		Europe; data from
			<i>Emys europea</i>												Naccarati
.....	30	M&F	Turtle.....	.320	.30	.036	.031		8.5		1.55		.18		Europe; data from
			<i>Testudo graeca</i>												Naccarati
700	1	M	Turtle.....	2.163	1.36	.125	.413	7.05	53.5	1.35	8.45	31.95	2.25	108.5	Thompson, O.
			<i>Clemmys guttatus</i>												
66A	1	F	Turtle.....	5.125	.98	.48	.62	13.43	160	.72	24.50	85			Maji Moto Camp,
			<i>Chelydra serpentina</i>												Africa
62F	1	F	Turtle, Green.....	68.04	5.81	3.46	3.27	180	540	21.08			62.57		Key West, Fla.
			<i>Chelonia midas</i>												
6F	1	M	" ".....	114.30	8.60	24.55	3.84	435	775	66.20	840		250	8750	Key West, Fla.
1252	1	M	Turtle.....	.185				.57			.20	4.40			Cleveland, O.
			<i>Clemmys guttatus</i>												
325	1	F	Turtle, Leatherneck...	3.253	2.50	.51	.44	16.0	90.0		15				Florida
			<i>Amyda forex</i>												
601	1	M	Turtle, Snapping.....	1.848	1.01	.59	.51	12.88	184	1.21	15.9	34.90	16.41		Sandusky, O.
			<i>Macrochelys lacertina</i>												

RODENTS

.....	1	.....	Agouti, Brown.....	1.400	15.00		.5	10	60		14	10	5		Infant, Panama
			<i>Dasyprocta punctata</i>												
.....	3	M&F	<i>dariensis</i> (Goldman)	2.059	12		.48	9.2	63.22		10.7	12.89	5.23		Juvenile, Panama
.....	2	M&F	" ".....	3.172	18.34		.98	17.54	85		15.39	16.0	6.04		Adult, Panama
.....	1	M	Agouti, Spotted.....	.891	20.5		.101	.40							Juvenile, Panama
			<i>Cuniculus paca</i>												
.....	2	M&F	<i>virgatus</i> (Bangs)	1.373	10		1.4	5.5	65.0		10.5	16.5	5.00		Juvenile, Panama
			" ".....												

RODENTS—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
.....	3	M&F	Agouti, Spotted.....	3.627	21.85	.....	1.6	16.10	187	.....	22.7	23.5	12.07	.....	Adult, Panama
.....	1	M	" ".....	4.559	48	.82	3.1	.....	.....	.....	.....	.....	.....	.....	Adult, Panama
1286	1	M	Beaver.....	4.18	25.48	.207	.228	16.57	99.82	.....	35.86	63.47	.....	.....	Michigan
.....	.....	.....	<i>Castor canadensis</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1290	1	F	" ".....	5.83	29.52	.644	.752	27.0	203	1.50	72.60	33.3	4.75	.....	Michigan
.....	2	M&F	Capybara.....	27.670	52.21	.....	5.2	84.13	577	.....	69.75	227	50.58	.....	Adult, Panama
.....	.....	.....	<i>Hydrochoerus isthimius</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	(Goldman)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	" ".....	7.089	.....	.....	.....	24.18	113	.....	28.06	38.50	16.3	.....	Infant, Panama
.....	3	M&F	" ".....	14.96	.....	.....	2.72	55.06	509	.....	81.0	88.99	75.3	.....	Juvenile, Panama
33	2	F	Chipmunk.....	.....	1.60	.003	.008	.....	.....	.....	.....	.....	.....	.....	Arizona
49	.....	.....	<i>Tamias striatus</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
703	2	M	<i>fisheri</i> (Howell)	.075	2.22	.030	.070	.597	5.55	.556	.756	.719	.222	4.65	Cleveland
671	.....	.....	" ".....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	4	M	" ".....	.....	1.73	.002	.015	.....	.....	.....	.535	.....	.....	.....	Arizona
35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	5	F	Gopher, Pocket.....	.....	1.33	.0041	.012	.....	.....	.....	1.15	.....	.....	.....	Arizona
41	.....	.....	<i>Thomomys fulvus fulvus</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	.....	.....	(Woodhouse)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	2	M	" ".....	.....	1.20	.006	.014	.....	.....	.....	.820	.....	.....	.....	Arizona
59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
174	2	F	Gopher, Pocket.....	.....	.....	.013	.021	.....	.....	.....	.....	.....	.....	.....	Arizona
175	.....	.....	<i>Geomys cumberlandius</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	(Bangs)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

170	2	M	" "			.022	.005								Arizona
173	1	F-P	Guinea Pig.....	.351	3.63	.070	.375	1.72	10.94	.88	2.79	5.86	.52		Young adult,
775			<i>Cavia culleri</i>												Cleveland
1132	2	M	" "	.361	4.10	.053	.334	1.27	13.80	.93	3.43	4.62	.71		Young adult,
1135															Cleveland
773	2	F	" "	.324	3.80	.056	.316	1.31	31.93	.95	3.81	3.27	1.08		Young adult,
1134															Cleveland
56	F		" "	.21494	3.32	.036	.180	1.29	12.06		2.829	2.934			Cleveland
46	M		" "	.21457	3.28	.035	.135	1.291	11.73		2.821	2.563			Cleveland
10	F		" "	.432	4.00	.071	.348	1.67	16.7	1.04	3.72	4.63	.925		Cleveland
10	M		" "	.456	4.23	.096	.402	1.86	21.17	.84	4.16	5.12	.750		Cleveland
135	1	F	Hare, African.....	2.93	10.23	.190	.50	30.0	51.91	7.37	12.20	17.91		295	Maji Moto Camp,
			<i>Lepus capensis</i>												Africa
248	2	F	Hare, Arctic.....	1.901	14.36	.160	.240	28.45	66.11	4.59	19.29	43.79			Tavane, Canada
251			<i>Lepus arcticus arcticus</i>												
249	2	M	" "	2.640	13.90	.099	.191	28.87	65.22	4.75	25.44	44.04			Tavane, Canada
250															
50A	4	F	Lemming, Brown.....	.032	1.126	.0058	.0167	.434	2.33	.0230	44.04	.804			Churchill, Canada
50C			<i>Lemmus trimucronatus</i>												
50D			(Richardson)												
50E	1	M	" "	.048	1.312	.0046	.0251	.600	3.80	.0242	.525	.740			Churchill, Canada
50B															
3	4	M	Lemming, Rock.....	.0521	.8983	.0042	.0138	.311	2.63	.1451	.774	.827	.210		Churchill, Canada
10B			<i>Dicrostonyx rubricatus</i>												
10E			<i>richardsoni</i>												
10A	3	F-P	" "	.0552	.8447	.0089	.0177	.381	3.05	.062	.841	.884			Churchill, Canada
10C															
10D	1	M	Mouse, African.....	.0218	.7132	.001	.0095	.122	.944	.075	.265	.2408		2.63	Maji Moto Camp,
171			<i>Mastomys coucha</i>												Africa
			<i>microdon</i>												
674	3	F	*Mouse, Jumping.....	.0193	.6961	.001	.008	.1557	1.124	.028	.218	.246	.0261		Little Mountain, O.
630B			<i>Zapus hudsonicus</i>												
630C	1	M	" "	.0152	.522	.003	.005	.133	.743	.025	.266	.243			Little Mountain, O.
630A	1	F-P	Mouse, Dormouse.....	.0223	.705	.004	.002	.1132	.851	.063	.192	.205			Maji Moto Camp,
1A			<i>Claviglis saturatus</i>												Africa
			(Dollman)												

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
145	1	M	Mouse, Dormouse.....	.0177	.551	.006	.0042	.116	.308	.052	.091	.272	.....	.75	Maji Moto Camp, Africa
66 68 69	2	M	Mouse, Grasshopper... <i>Onychomys</i> " "	.....	.....	.0011	.0237	.....	.....	.....	.374	.....	.....	.....	Seligman, Arizona
.....	1	F	" " " "	.....	.....	.0014	.040	.....	.....	.....	.392	.....	.....	.....	Arizona
.....	67	M	*Mouse, Meadow..... <i>Microtus drummondi</i>	.0237	.6606	.0032	.0085	.1612	1.082	.0239	.3634	.4036	.....	.....	Churchill, Canada
.....	42	F	" " " "	.0229	.6464	.0031	.0160	.1609	1.129	.0236	.3814	.3930	.....	.....	Churchill, Canada
.....	4	F-P	" " " "	.0325	.6724	.0037	.0366	.1999	1.754	.0276	.5357	.5575	.....	.....	Churchill, Canada
.....	42	F	*Mouse, Meadow..... <i>Microtus pennsylvanicus pennsylvanicus</i>	.0252	.7166	.0046	.0164	.1973	1.349	.0269	.3103	.3916	.....	.....	Willoughby, O.
.....	53	M	" " " "	.0279	.7394	.0042	.0071	.1937	1.312	.0254	.3126	.3984	.....	.....	Willoughby, O.
.....	10	F-P	" " " "	.0413	.7635	.0065	.0305	.2574	2.250	.0277	.4821	.4999	.....	.....	Cleveland, O.
7 11 12	3	F	Mouse, Mountain Meadow <i>Microtus allicola allicola</i>	.....	.....	.0018	.0063	.....	.....	.....	.233	.....	.....	.....	Arizona
.....	13	M	" " " "	.....	.....	.0032	.0126	.....	.....	.....	.....	.....	.....	.....	Arizona
.....	14	M	*Mouse, Guatemala..... <i>Peromyscus</i> " "	.0122	.407	.0014	.0037	.0983	.65	.0235	.1477	.22	.....	.....	Guatemala
.....	2	F	" " " "	.0184	.4511	.0021	.0049	.1132	1.243	.033	.2157	.303	.....	.....	Guatemala
.....	8	F-P	" " " "	.0200	.443	.0024	.0064	.1499	1.186	.0291	.2255	.334	.....	.....	Guatemala
9	1	M	Muskkrat..... <i>Ondatra zibethica alba</i>	.900	5.33	.0133	1.43	3.23	21.95	.188	7.45	4.35	.....	176	Churchill, Canada
21A	1	F	Porcupine..... <i>Erithizon dorsatum</i>	2.800	30.77	.72	.62	19.75	112.	2.88	26.97	29.88	.....	.....	Maji Moto Camp, Africa
234 289	2	F	" " " "	2.725	21.22	.361	.337	14.4	.....	.....	.....	.....	.....	.....	Animal Dealer, New York

*Preserved weights.

324	1	M	Porcupine.....	3.410	19.15	.341	.355	15.5	108		38	27.1			Animal Dealer, New York
81	1	F	Prairie Dog.....			.034	.019				2.72				Seligman, Arizona
			<i>Cynomys gunnisoni</i>												
			<i>zuniensis</i> (Hollister)												
84	1	M	"		5.60	.025	.028				2.564				Seligman, Arizona
93	2	F	Rabbits, Cottontail...			.047	.071				6.123				Florence, Arizona
94			<i>Silvilagus auduboni</i>												
97	2	M	"		7.25	.031	.094				5.14				Catalina Mts., Arizona
105															
323	2	M	Rabbits, Flemish giant	3.68	10.59	.685	.503	10.57	97.9		24.01				Cleveland
603			<i>Lepus</i>												
	22	F	" " "	2.587	10.14	.403	.662	9.23	82.63		18.3	13.72			Cleveland
80	1	F	Rabbit, Jack.....		12.00	.147	.256				19.34				Seligman, Arizona
			<i>Lepus californicus</i>												
	2		Rabbits, Wild.....	.439	4.50		.750	2.00	19.50		3.50	4.50	.75		Adult, Panama
			<i>Silvilagus gabbi</i>												
			<i>messorius</i> (Goldman)												
16	2	M	Rat, Mexican pack...		2.20	.009	.078				2.56				San Francisco Crater, Arizona
45			<i>Neotoma</i>												
62			"		1.87	.014	.056				2.19				San Francisco Crater, Arizona
73	4	F													
74															
47															
235	1	F	Rat, Norway.....	.197	1.61	.008	.062	.730			1.41				Cleveland
			<i>Mus norvegicus</i>												
701	2	M	"	.278	2.30	.032	.149	1.61	9.31	.296	3.03	2.29	.82	7.02	Cleveland
704															
	5	M	Shik-shik.....	.878	5.63	.105	.228	5.85	36.27	1.77	7.16	9.87	2.12		Churchill, Canada
			<i>Citellus paryii paryii</i>												
			(Richardson)												
	3	F	"	.958	5.74	.116	.208	5.92	44.83	1.73	7.12	10.57	1.14		Churchill, Canada
64															
63	4	M	Squirrels, Abert.....		6.25	.030	.204				3.12				San Francisco Crater, Arizona
22			<i>Sciurus aberti</i>												
18															
	1		Squirrel.....	.287			.300	2.00	11.00		3.00	3.80	.60		Adult, Panama
			<i>Sciurus gerrardi</i>												
			<i>morulus</i> (Bangs)												
48	1	M	Squirrel, Ground.....		3.00	.010	.035				.141				Shultz Pass, Arizona
			<i>Callospermophilus</i>												

RODENTS—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
78	1	M	Squirrel, Ground..... <i>Citellus tridecemlineatus</i>	2.00	.004	.019	1.09	Seligman, Arizona
23C	4	F	Squirrel, Red..... <i>Sciurus hudsonicus</i>	.248	5.02	.029	.075	1.82	6.64	.534	1.32	3.17	Churchill, Canada
23F															
23G															
23H															
23A	4	M	" "	.183	4.71	.023	.049	1.57	3.99	.497	1.14	2.66	Churchill, Canada
23B															
23D															
23E															
633B	2	F	Squirrel, Red..... <i>Sciurus hudsonicus</i>	.169	4.21	.031	.098	1.23	5.88	.661	1.51	1.34	Cleveland
633D															
633A	1	M	" " <i>loquax</i>	.183	3.97	.006	.082	1.511	4.18	.390	1.425	3.25	Cleveland
633C	1	M	" "	.063	4.09	.0056	.025	.545	1.74	.436	.615	1.54	Juvenile, Cleveland
17	7	F	Squirrel, Red..... <i>Sciurus fremonti</i> <i>mogollonensis</i>	4.30	.009	.079	1.74	San Francisco Crater and Shultz Pass, Arizona
19															
23															
26															
31															
32															
60															
20	7	M	" "	4.40	.013	.095	1.74
21															
25															
27															
28															
29															
61															

UNGULATES

677	1	M	Bison, American.....	54.88	334	5.47	6.64	361	695	42.68	256	1190	146	.....	Calf, Zoo, Cleve-
79A	2	M	<i>Bison bison</i>												land, O.
80A			Buffalo.....	750 est.	640 est.	34.96	31.05	.....	.....	.....	.....	.....	.....	.....	Maji Moto Camp,
45A	1	F-P	<i>Syncerus caffer caffer</i>	572	642	37.30	43.27	3050	7175	69.94	1625	5150	2304	146000	Africa
71A	1	M	" " "	759	653	38.05	52.40	3620	7709	55.00	1825	8110	.....	150000	Maji Moto Camp,
614	1	F	Bushbuck.....	35.38	140	6.76	4.43	325	625	40.53	131	915	92.75	.....	Africa
			<i>Tragelaphus scriptus</i>												
			<i>massaicus</i>												
94A	1	M	" "	53.07	190	5.08	5.09	350	1100	.....	225	540	.....	6700	Lake Manyara,
652	1	F	Caribou, Barren ground	71.7	278	3.99	2.29	710	466	33.35	82.77	1275	131	.....	Africa
			<i>Rangifer arcticus</i>												
44	2	M	" "	128.47	306	8.37	5.99	1086	2445	41.66	151	2450	310	25400	Tavane and
653															Churchill, Canada
42	1	M	" "	62.14	285	5.98	4.16	650	.....	.....	.....	.....	.....	.....	Chesterfield Inlet,
															Canada
.....	1	F	Aberdeen angus.....	719	.....	57.5	57.50	1950	6690	.....	1746	2654	839	21682	.....
			Data from Journal of Agricultural Research V. 55, No. 4, August 15, 1937. W. W. Swett and Associates.												
44	F		Ayrshires.....	491	417	33.4	31.2	1882	6010	.....	1148	3311	817	25156	.....
5	F		Cows.....			11.82	18.07	.....	.....	.....	.....	.....	.....	.....	Florida
6	F		Cows.....			21.03	24.01	.....	.....	.....	.....	.....	.....	.....	Cleveland
62	F		Guernseys.....	450	403	31.6	27.7	1737	6087	.....	978	3143	832	23523	.....
7	F		Herefords.....	371	357	15.24	18.46	1143	3819	.....	672	2272	561	20734	.....
200	F		Holsteins.....	574	415	38.1	37.7	2245	7248	.....	1445	4336	946	29184	.....
6	M		Holstein bulls.....	90	299	14.25	6.37	422	.....	.....	.....	.....	.....	.....	Under 6 mos. old
3	M		Holstein bulls.....	241	386	30.2	10.13	998	.....	.....	.....	.....	.....	.....	6 to 12 mos. old
5	M		Holstein bulls.....	552	408	41.4	19.76	1905	.....	.....	.....	.....	.....	.....	1 to 3 yrs. old
2	M		Holstein bulls.....	861	471	45.5	22.5	3243	.....	.....	.....	.....	.....	.....	3 to 5 yrs. old
5	M		Holstein bulls.....	888	462	95.34	41.6	3357	.....	.....	.....	.....	.....	.....	Over 5 yrs.
218	F		Jerseys.....	413	408	27.9	27.4	1605	5747	.....	983	3057	801	22230	.....
3	M		Jersey bulls.....	51.9	304	6.4	5.35	304	.....	.....	.....	.....	.....	.....	Under 6 mos. old

UNGULATES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
.....	5	M	Jersey bulls.....	214	356	19.38	9.78	744	.....	.....	.....	.....	.....	.....	6 to 12 mos. old
.....	2	M	Jersey bulls.....	367	384	29.05	14.5	1270	.....	.....	.....	.....	.....	.....	1 to 3 yrs. old
.....	2	M	Jersey bulls.....	591	444	47.00	18.3	1987	.....	.....	.....	.....	.....	.....	3 to 5 yrs. old
.....	10	M	Jersey bulls.....	597	447	82.20	27.45	2186	.....	.....	.....	.....	.....	.....	Over 5 yrs. old
.....	213	M	Jersey bulls.....	412	408	27.90	27.40	1606	.....	.....	.....	.....	.....	.....	Av. 8 yrs. 2 mos.
.....	71	F	Miscellaneous cows.....	506	420	35.2	303.3	1888	6786	.....	1207	3978	812	.....	.....
.....	6	M	Steers.....	.....	.....	18.8	20.68	.....	.....	.....	.....	.....	.....	.....	Cleveland
.....	15	M	Steers.....	174	.....	13.9	16.57	.....	.....	.....	.....	.....	.....	.....	Florida
.....	18	M	Steers.....	369	384	20.87	13.16	1533	.....	.....	423	.....	.....	11.1	U. S. D. A.
1390	1	M	Calf.....	.....	203.6	4.7	5.2	234.5	505.2	32.6	89.6	294.2	52.9	.....	Full term foetus, Lexington, Ky.
1388	1	.....	Calf.....	19.5	193.9	8.0	29.4	232	220.5	29.4	106.0	473.2	80.5	.....	Three days old, Lexington, Ky.
1386	1	.....	Calf.....	233.6	187.9	6.9	4.8	174.2	535.8	25.9	117.4	519.6	69.5	.....	Crossbred, Lexington, Ky.
1389	1	.....	Calf.....	22.0	215.2	19	32.5	265.3	1008.8	28.7	167.2	737.1	69.1	.....	Six days old, Lexington, Ky.
1387	1	.....	Calf.....	.....	234.6	12.6	3.0	315.3	792.3	14.3	156.4	581.1	103.5	.....	Lexington, Ky.
1391	1	F	Cow.....	489.9	473.5	46.1	17.4	2601	6265	69.6	1105.8	6359	729.9	.....	Lexington, Ky.
.....	2	.....	Deer.....	2.376	54.1	.....	.....	5.16	72	.....	16.5	44.3	5.0	.....	Juvenile, Panama
.....	.....	.....	<i>Odocoileus chiriquensis</i> (Allen)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	F	"	13.93	.....	.....	3.0	15.9	516	.....	55	520	35	.....	Adult, Panama
124	1	M	Deer, Axis..... <i>Cervus axis</i>	.....	.....	20	8.6	.....	.....	.....	280	.....	.....	.....	India
644	1	M	"	88.45	219	17.5	6.45	749	1730	34.4	247	1726	223	.....	Zoo specimen, Cleveland
277	1	M	Deer, Malay Sambar..... <i>Cervus unicolor</i>	148	.....	25	30.6	.....	.....	.....	317	.....	.....	.....	.....
184	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
181	3	M	Deer, White-tailed.....	.....	.....	28.3	23.35	.....	.....	.....	.....	.....	.....	.....	Cumberland Island,
182	.....	.....	<i>Odocoileus virginianus</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ga.

172}	2	F	Dear White-tailed			21.25	23.05									Cumberland Island,
177}	1	M	" "	65.09	210	5.1	12.25	632	1025							Ga.
272	3	M	Deer, White-tailed		123	2.57	.305					123				Virginia
			<i>Odocoileus couesi</i>													Kaibab Forest,
																Arizona
85}	3	M	Deer, Mule		182	2.86	5.48					203				Kaibab Forest,
86}			<i>Hemionus odocoileus</i>													Arizona
88}	1	F	" "			2.30	5.25					250				Arizona
87	1	M	Dik-dik	4.57	37	.73	.56	36.8	93.2			21.4	44.4			Maji Moto Camp,
27A			<i>Rhynchotragus kirki</i>													Africa
568	1	M	Elk	13.61	194.2	6.14	2.38	131.1	374			73.4	319			Zoo specimen,
			<i>Cervus canadensis</i>													Cleveland
136	1	F	" "			9.5	8.85					365				Zoo specimen,
																Cleveland
24}	2	M	Gazelle, Thomson	24.37	91.8	1.83	2.0	245	525	26.6	105	280				Maji Moto Camp,
54}			<i>Gazella thomsoni</i>													Africa
89	1	F	" "	2.430	54.61	.46	1.04	31.7	60.61	12.35	16.5	74.4		380		Infant, Africa
68A	1	M	Giraffe	1220	700	64.70	78.12	4990	19050	127	2268	12060	2266	130000		Africa, Maji Moto
			<i>Giraffa camelopardalis</i>													Camp
			<i>tippelskirchi</i>													
1259	1	M	Goat	27.66	115				525	29.55				1466		Cleveland, O.
			<i>Capra hircus</i>													
53	1	M	Hartebeest, Coke's	134	275	1.83	9.61	875	1525	56.36	387	1850	625	14540		Moto Umbo, Africa
			<i>Bubalis cokei cokei</i>													
142A	1	F	Hippopotamus	543	540	32	53.35	1610	14060	35.02	1175	4910		83000		Juvenile, Maji Moto
			<i>Hippopotamus</i>													Camp, Africa
			<i>amphibius</i>													
143	1	F	" "	1351	720	119	61.10	4536	23580	42.70	3160	11340	3175	374000		Adult, Maji Moto
																Camp, Africa
53*	M		Hogs	102.06		6.88	4.99	303.5	1488.3		237.83		117.74	1817		Average age, 236
			<i>Sus scrofa</i>													days. Standard
36*	F		" "	102.06		7.52	4.99	324.39	1547.3		264.09		138.64	1988.07		bred castrates
																Age 241 days.
30*			" "	102.06		6.46	5.44	297.5	1389.5		246.45		121.71	1667.7		Standard bred
																young sows
																F ² crossbred,
																average 252 days

*Data furnished by the Bureau Animal Industry, U. S. Department of Agriculture.

UNGULATES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
176	2	F	Hogs, wild.....			8.42	2.71								Florida
178			<i>Sus scrofa</i>												
179	2	M	" ".....		5.31		2.69								Florida
180															
192															
193															
194	5	.....	Hogs, domestic.....		105	14.25	4.16				229				Cleveland, O.
195			<i>Sus scrofa</i>												
196															
129	2	F	" ".....			16.7	3.05				232				Cleveland, O.
130															
1377															
1378															
1379	5	M&F	Pigs, full term foetuses	1.419	30.3	.45	.27	14.25	43.0	3.29	10.47	25.66	1.96	.....	Lexington, Ky.
1380															
1381															
1383	1	M	Pig, shoat.....	4.76	51.2	.7	.37	52.1	184.6	4.05	16.4	49.35	12.5	.....	Lexington, Ky.
1382	1	F	Pig, shoat.....	13.15	86.2		1.75	124.5	392.5	5.1	33.7	205.9	29.0	.....	Lexington, Ky.
1384	1	M	Pig, shoat.....			5.6	2.65	147.3	903.8	6.2	65.4	679.1	34.9	.....	Lexington, Ky.
1419	1	M	Pig, shoat.....	7.60	54	1.6	2.0	46	284	7.0	54.0	128	14.0	.....	Lexington, Ky.
			<i>Sus scrofa</i>												
1385	1	F	Pig.....	113.2	123.9	10.8	7.8	452	2334.8	7.3	197.5	299.9	173.3	.....	Lexington, Ky.
3	2	M	Impala.....	37.86	149	5.67	3.82	270.05	605	44	162.5	510	210	5800	Maji Moto Camp, Africa
161			<i>Aepyceros melanus</i>												
13	2	M	" ".....	57.61	175	5.04	5.36	378	855	47.12	225	730			Africa, Maji Moto Camp
2															
198	1	F-P	" ".....			5.67	4.62								Africa, Maji Moto Camp

699	1	M	Peccary, Collared..... <i>Pecari angulatus bangsi</i> (Goldman)	29	123.5	125	2.95	174	772	10.2	153	279	65.5	.....	Zoo specimen (goiter)
.....	2	.....	" " " "	13.83	.....	.....	4.5	70.5	371	.....	51.5	120	91	.....	Adult, Panama
.....	1	.....	" " " "	2.25	.....	.....	2.0	20	60	.....	22	72	10	.....	Infant, Panama
109	1	M	Peccary..... <i>Pecari angulatus</i> <i>sonoriensis</i>	.....	82	1.2	1.8	.....	.....	.....	60	.....	.....	.....	Arizona
32	2	M	Reed Buck (Bohor).... <i>Redunca redunca tohi</i>	31.7	109	1.34	2.11	242	523	33.4	102	462	.....	.....	Lake Manyara, Africa
33	9	M	Sheep (Lambs)..... <i>Ovis aries</i>	40.23	109	10.11	2.22	168	.....	.....	97.06	.....	.....	2500	Bureau of Animal Industry
187	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
189	5	F	" " " "	.....	88.8	13.3	2.02	.....	.....	.....	93.1	150	.....	.....	Adult, Cleveland, O.
190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
191	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1397	2	.....	Sheep..... <i>Ovis aries</i>	2.720	53.8	5.2	3.85	28.30	78.0	13.50	25.8	51.10	10.0	.....	Foetus, 2 to 4 weeks premature. Lexington, Ky.
1398	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1395	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1399	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1401	8	M	Lambs.....	6.87	73.6	5.19	6.78	82.13	224.5	18.30	55.8	191.5	17.41	.....	About one mo. old. Lexington, Ky.
1403	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1404	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1405	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1407	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1420	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1394	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1396	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1408	5	F	" " " "	8.55	71.5	4.09	6.36	85.0	287.2	13.7	69.5	180.5	27.0	.....	About one mo. old. Lexington, Ky.
1421	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1409	4	M	" " " "	15.76	88.6	2.0	3.0	158.7	531.8	17.6	108.3	543.5	36.2	.....	Lexington, Ky.
1422	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1423	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1427	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

UNGULATES—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
1392 1393 1400 1402 1406 1425 1426	7	F	Lambs.....	52.1	106.5	10.2	8.3	276.7	957	30.49	159.8	704.8	119.6	.....	Lexington, Ky.
25 141	2	M	Steinbok..... <i>Raphicerus campestris neumanni</i>	8.62	49.5	1.22	1.35	72.2	175	14.87	38.51	150	.....	550	Africa, Maji Moto Camp
58	1	M	Warthog..... <i>Phacochoerus aethiopicus</i>	65.32	125	3.6	8.24	325	1500	17.91	300	550	.....	9550	Africa, Maji Moto Camp

UNGULATES—ODD TOED

786 789 790	3	F	Thoroughbred foetus.. <i>Equus caballus</i>	13.00	183.3	4.18	2.21	111.3	702	.....	99	444.3	82.5	.....	Average, 91 days, premature. Ky.
.....	5	F	" "	26.47	254.4	13.23	14.89	331.5	902.2	37.14	245.0	895.7	139.9	.....	Average, 46.4 days, premature. Ky.
.....	5	M	" "	27.30	273.9	12.28	4.66	275.9	699.5	51.48	257.4	1374.	162.5	.....	Average, 54.4 days, premature. Ky.
.....	11	F	" "	47.68	333.9	17.54	8.10	472.	1634.	42.82	321.3	1526.	335.1	.....	Average, 14.6 days, premature. Ky.
.....	15	M	" foetus.....	38.91	317.3	14.80	6.26	458.2	1266.	45.95	275.6	1179.	235.8	.....	Average, 16 days, premature. Ky.
.....	19	F	" foal.....	54.32	366.5	16.80	10.38	606.4	1651.	54.80	405.7	1414.	306.6	.....	Average, 5.6 days old. Kentucky

.....	18	M	" "	52.45	370.1	17.57	9.34	565.	1592.	48.5	323.5	1366.	319.	.....	Average, 3.1 days old. Kentucky
1234	3	M	" "	93.89	425.3	15.23	14.43	970.	3386.	56.8	859.3	1427.	610.3	.....	Average, 33.5 days old. Kentucky
1241															
815															
1236	4	F	" "	116.77	470.2	22.6	15.20	1125.	3704.	67.5	812.2	2393.	838.5	.....	Average, 83 days old. Kentucky
1244															
1246															
.....	8	M	" colts.....	285.13	582.8	26.55	18.77	1999.7	8193.	71.09	767.7	299.6	1700	.....	Average, 9 months old. Kentucky
1231	2	F	" fillys.....	380.11	616.	36.9	32.3	2653.	3452.	81.5	1168.	2969.5	3379.	.....	Average, 12 mos. old. Kentucky
1349															
.....	5	M	" colts.....	306.35	602.4	26.81	22.2	2708.	4821.	79.05	970.2	3110.	5494.	.....	Yearling colts. Kentucky
.....	6	M	" geldings.....	443.87	637.6	29.41	32.43	3295.	5257.	95.46	1314.	3738.	3845.	.....	Average, 2 to 3 yrs. old. Kentucky
1224															
666	3	M	" colts.....	433.92	621.4	26.50	27.71	3488.	3931.	89.90	1297.	3659.	4190.	.....	Average, 2 to 3 yrs. old. Kentucky
1351															
.....	7	F	" fillys.....	408.5	632.	30.56	38.41	3237.	5350.	98.82	1653.	4588.	3438.	.....	Average, 2 to 3 yrs. old. Kentucky
638															
1250	4	M	" geldings.....	446.55	630.	26.99	33.40	3531.	5193.	96.63	1350.	4092.	4830.	.....	Average, 6.75 yrs. old. Kentucky
1247															
1300															
.....	5	M	" stallions.....	485.31	706.7	32.15	33.03	4688.	5685.	106.34	1971.7	7154.	3474.	.....	Average, 17.2 yrs. old. Kentucky
.....	10	F	" mares.....	443.36	637.7	29.76	43.5	3663.	6176.	105.0	1667.	4758.	3856.	.....	Average, 19.1 yrs. old. Kentucky
684	1	M	Arabian stallion.....	461.76	618.	46.80	26.80	3909.	6375.	112.24	1512.	5080.	3000.	.....	27 yrs. old. Portsmouth, O.
1287	1	M	" "	362.80	573.	34.95	42.17	3275.	4670.	108.08	1108.	6475.	1900.	.....	30 yrs. old. Portsmouth, O.
1221	1	F	" mare.....	.....	711.4	80.00	.....	3230.	.....	107.8	.....	.....	.....	.....	Nashville, Tenn.
1308	1	M	Burro gelding.....	199.58	392.	13.43	24.2	1184.	3770.	.....	844.	1462.	507.	.....	25 yrs. old. Kentucky
707	2	M	Burro.....	122.98	478.	4.80	16.64	850.	1953.	84.31	813.	1320.	280.	.....	Average, 4 yrs. old. Guatemala
711															
1242	1	M	Grade Draft.....	70.76	248.	11.2	7.9	546.	1197.	40.0	230.	916.	524.	.....	Foal, Kentucky
659	2	F	Grade Pony.....	184.16	525	10.49	12.98	1175.	2100.	67.47	420.	1348.	458.	.....	1 year old. Kentucky
660															

UNGULATES—ODD TOED—Continued

Catalogue Number	No. of Animals	Sex	Common and Scientific Name	Body Weight in Kilograms	Brain	Thyroid	Adrenal	Heart	Liver	Eyes	Kidney	Lung	Spleen	Stomach and Intestines	Remarks
664	1	F	Grade Horse.....	521.64	655.	24.30	52.51	3260.	6920.	105.92	1510.	4125.	1870.	.....	12 years old. Kentucky
1317	1	M	Hackney Pony.....	362.87	504.	29.6	21.2	1427.	.....	.....	.....	.....	.....	.....	Urbana, Ill.
.....	10	M	Horses, Panama.....	279	452	10.77	25.75	.....	.....	.....	.....	.....	.....	.....	Average 12 years. Panama gelding workhorses
.....	31	F	" ".....	262	468	12.77	25.62	.....	.....	.....	.....	.....	.....	.....	Average 14 years. Panama mares
.....	21	M&F	" ".....	230.9	520	.....	35.45	1843	4277	.....	942	3627	940	13542	Panama
.....	3	M	Mules, Panama.....	211	371	8.66	24.6	.....	.....	.....	.....	.....	.....	.....	Average 13.3 years. Panama
.....	4	F	<i>Equus asinus</i> " ".....	291	478	9.75	35.5	.....	.....	.....	.....	.....	.....	.....	Average, 20 years. Panama
.....	1	M	" ".....	42.64	227	.....	.....	397	1191	.....	227	628	283	1219	Panama colt
.....	4	M&F	" ".....	279.2	.....	.....	42.53	2048	3594	.....	513	4026	766	13396	Panama
792	1	F	Mule.....	249.47	543.	11.3	47.	2144.	6301.	.....	1049.	.....	802.	.....	1 year old. Kentucky
1297	1	F	".....	444.52	543.	18.98	45.1	3604.	5342.	124.0	964.	5678.	1802.	.....	25 years old. Kentucky
690	1	M	Percheron Stallion.....	635.04	662.	40.84	39.22	5600.	8520.	136.7	1700.	5710.	3430.	.....	14 years old. Ohio
691	1	F	Percheron Mare.....	771.40	650.	56.55	37.40	4700.	6725.	137.4	1750.	5400.	1550.	.....	23 years old. Ohio
635	1	F	Polo Pony.....	380.75	692.	52.10	24.23	3570.	4835.	115.92	950.	8616.	1250.	.....	25 years old. Ohio
1307	1	F	Pony.....	376.48	604.	20.02	28.00	2607.	5012.	96.5	1894.	2558.	3846.	.....	18 years old. Kentucky
791	1	F	Saddle-bred foetus.....	19.50	226.	7.2	2.6	181.5	913.	.....	.....	1038.	141.	.....	71 days premature. Kentucky
1245	1	F	Saddle-bred foal.....	118.8	475.	12.8	10.2	894.	2796.	56.0	735.	.....	536.	.....	3 months old. Kentucky
1296	1	F	" weanling..	181.4	492.	.....	.....	1418.	.....	64.0	.....	2981.	.....	.....	6-7 months old. Kentucky

800	2	M	Sable-bred colts.....	300.5	588.	18.43	17.33	1658.	4397.	87.55	1033.	3457.	1079.	.....	1 year old.
1293	2	M	" geldings...	335.68	569.	16.95	20.70	2199.	4616.	84.48	929.	3189.	2010.	.....	Kentucky
1239															1 year old.
1305	1	M	Shetland Pony gelding	242.67	560.	15.25	23.5	2195.	3975.	104.0	870.	3740.	1380.	.....	Kentucky
1348															29 years old.
803	1	F	Standard bred foetus..	31.75	242.	11.9	6.7	402.	1052.	.....	196.	921.	84.	.....	Kentucky
1240	1	M	Standard bred foal....	92.98	400.	14.6	10.1	971.	2400.	69.0	624.	1489.	330.	.....	About 60 days pre-mature. Kentucky
636	1	F	Hunter(Thoroughbred)	402.65	690.	24.45	47.32	3648.	5220.	112.6	1200.	10,120.	1760.	28,110.	Kentucky
693	1	M	Western gelding.....	426.38	562.	25.59	35.37	3487.	5338.	107.0	1196.	4005.	5750.	.....	15 years old. Ohio
8A	1	M	Rhinoceros.....	763	655	53.05	88.0	4800.	14310	22.56	3000	7350	.....	.....	23 years old. Ohio
			<i>Rhinocerus bicornis</i>												Maji Moto Camp, Africa
	1		Tapir.....	8.60	.....	.....	2.0	74	220	.....	92	162	84.	.....	Juvenile, Panama
			<i>Tapirella bairdii</i> (Gill)												
	1		" " " " " "	14.26	85	.....	3.0	121	483	.....	167	318	172	.....	Adult, Panama
686	1	M	Zebra.....	29.48	.....	14.77	6.24	330	937	39.5	90.54	655	135.8	.....	Foetus, Zoo
			<i>Equus quagga granti</i>												
35A	1	M	" " " "	7.900	125	3.04	1.43	75	275	.....	53.65	300	.....	.....	Embryo, Africa
634	1	F	" " " "	43.09	412	29.2	9.6	581.8	1275	.....	166.4	740	156.1	.....	Infant, Zoo
179A	1	F	" " " "	56.59	410	10	4.95	515	950	.....	262	1025	605	.....	Six weeks old, Africa
626	1	M	" " " "	78.02	494.4	48.6	11.5	660.4	.....	.....	357.3	.....	.....	.....	Zoo
20A	2	M	" " " "	254.99	541	20.08	23.08	1925	4037	94	855	2025	1170	.....	Stallion, Africa
160A	1	F-P	" " " "	297.1	555	17.34	27.8	1970	4400	89	900	2790	.....	.....	Africa
162A															Jungle-bred Stallion
698	1	M	" " " "	317.5	642	36.0	44.1	2231	6336	103	1239	.....	1121	.....	six yrs. old. Zoo

PROBOSCIDEA AND HYRACOIDEA

148A	1	M	Elephant.....	6654	5712	860	940	26080	107670	116.15	18180	138790	.....	924000	Maji Moto Camp, Africa
			<i>Loxodonta africana</i>												
			<i>knochenhaueri</i>												
	1	F	Elephant, Pygmy.....				84	.....	.....	.....	5200	.....	.....	.....	Zoo
			<i>Loxodonta cyclotis</i>												
149A	1	M	Hyrax.....	.750	12.27	.081	.161	3.63	31.53	.....	6.45	5.532	.....	255	Lake Manyara, Africa
			<i>Heterohyrax brucei</i>												